



Welcome once again to yet another edition of SAT DX, the column compiled by myself Mark King covering the colourful subject of satellite radio, although I must point out that only news of interest to Free Radio enthusiasts will be covered here.

I shall begin this time with an update on Euronet where during the evening of Thursday 25th February, Christopher England made announcements that the station would close at end of March. He was then joined on air by Eric Wiltsher who explained that the decision to cease operating followed the failure to obtain adequate sponsorship. Euronet's sub-carrier of 7.56 MHz via Sky Sports fell silent prematurely early in March. This may not however be the end of the story as since then we have learnt that the directors of Euronet are determined to try again and are presently planning to return to the air in November via the new Astra 1C satellite.

One group that has worked hard to try and solve many of the problems facing British satellite radio is Quality Europe FM. This station now emanates from the old Nova studios in Camberley, Surrey and can be received by tuning to Astra's Sky Movies TV Channel, sub-carriers 7.38 and 7.56 MHz. QEFM is presently airing ex-Euronet programme, Satellite Surgery which is jointly presented by Eric Wiltsher and Julian Clover. The Satellite Surgery can be heard each Saturday between 1600-1730 BST.

During the afternoon of April 3rd, a test tone appeared on Eutelsats MBC sub-carrier 7.92 MHz. This was the beginning of QEFM's sister station, Quality Country Music Radio which is also expected to become available on Astra in the near future, probably via the sub-carrier previously used by Euronet.

Fans of Britain's second commercial national radio station, Virgin 1215, may be interested to learn that the service is currently available in hi-fi quality on Astra. This outlet is believed only to be a temporary arrangement however and is being used by engineers as an audio feed for the various MW transmitters across the country. Those who tune to MTV, transponder 22 sub-carrier 7.74 MHz, may still hear Virgin Radio which employs ex-Caroline djs Emperor Rosco and Tommy Vance, along with Tommy 'What A Guy' Rivers who found fame on Laser 588.

Finally, I shall give mention to Radio North Sea which managed to re-launch itself on Tuesday 16th February. The station is operating via the Intelsat VAF satellite and is once again carrying programmes from Radio Caroline during weekday evenings.

Unfortunately, that's it for another edition of SAT DX. I will be back in August with another update from the world of satellite radio but until then, keep an eye on the sky.■



12 DORMAN ROAD, PRESTON, ENGLAND PR2 6AS

PIRATE

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CHAT

The deadline for all contributions for the August issue of PIRATE CHAT is July 22nd, 1993.

PIRATE CHAT

BI-MONTHLY FREE RADIO
NEWS AND FEATURES

PIRATE CHAT MAGAZINE is published on a bi-monthly basis for worldwide distribution. We have readers all over the world as far away as the USA and South Africa.

PC always contains 30-40 packed pages of Free Radio news from FM, MW, SW, the USA and lots more. We believe that we are the only publication in the world that carries news from all bands on such a large scale.

SUBSCRIPTION RATES

A sample copy costs £1.

A six month subscription costs £6.

A years subscription costs £10.

This money is accepted in any currency but please make sure that cheques, postal orders and eurocheques have the payee line left blank. This ensures that they can then be paid into our account without any problems.

ADVERTISING

Small non-profit making adverts can be placed in the magazine free of charge. Money making promotions will cost a small amount and for these, the editor should be contacted.

REPORTERS/CONTRIBUTORS

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INFORMATION SOURCES

PIRATE CONNECTION (Sweden), FRMSEM (UK), FREE DX (UK).

Editor's thoughts . . .

Yo! Hope I'm finding everybody feeling fine although if you've been tuning around shortwave of late, you probably won't be feeling too great! Yes, I expect you've noticed the recent appalling conditions on the bands. It's all quite technical but I've been reliably informed that we're currently on a downward trend and conditions are set to be pretty bad for the next few months or possibly, even longer. It sure doesn't sound too good at all! It's quite depressing really with listening conditions being so grotty. I know that us SW listeners' are used to bleeps, static and mysterious sounds annoying our listening but awful conditions making things even worse are not particularly desirable. It may be that everybody is not experiencing what I am here at the PC headquarters. I spoke to Roger Davis of BRL on April 12th and told him about the poor conditions. He was quite surprised when I told how weak all of the stations had been with me for the whole of the Easter weekend. At his location, everything had been as usual with no differences and no strange conditions noticed! I've also spoken though to Terry Phillips, Dave Martin, Andy Walker, Steve Midnight and others who all say that current SW conditions are awful! I was really looking forward to Easter, not just for the eggs and cakes (!) but for all the Free Radio activity as well. To be honest, I was pretty disappointed. To listen to all of the stations that I expected to hear, I had put up a brand new 48 metre dipole and when I tuned into the bands on Easter Sunday, I thought that there must have been a fault with it. I could hardly hear anything. At just after 0900 UTC, Dave Martin from LASER ROCK gave me a call and asked how his signal was with me. I asked him "what signal?" I couldn't hear anything from him on 6400 but after about thirty minutes, he was bombing in and for the rest of the weekend, the conditions followed the same pattern; up and down just like somebody bouncing on a trampoline! Let's hope that these trends do stop soon as I for one am going to get a little despondent with tuning in to Free Radio stations if I can hardly hear them.

Anyway, that's enough of all that! I just want to tell you now that the next PC which is due to be out at the beginning of July is, in fact, not going to be available until August. This is because of our summer break and trip to the Netherlands. But don't worry; issue 33/34 is set to be a good one with exclusive articles from my own experiences in Holland and my visits to various pirates over there and also exclusive articles from Derek Taylor who has just returned from the other side of the North Sea as well!

Well, I'll leave you now to have a look at what's in PC this time around. There's features on TANGERINE RADIO and in 'Spotlight 186' which features in other publications but in this one first, Derek is taking a look at RADIO NOLAN. We also have Jorge Garcia's article about his recent trip to his home land and much more as well! Have a good read and I'll see you in the August issue! ■

RADIO PIRANIA RETURNS HOME

by Jorge R. Garcia

THE time is 2300 and my son, daughter, wife and myself are sitting in a Jumbo Jet 747 from the Spanish company Iberia with the flight number IB 6921 from Madrid to 'the promised land'. In my baggage of course, as a true pirate, components for building up a transmitter . . . Ten hours later after a stop in Buenos Aires, we arrived at our location in South America where we were to stay for two months. I was a little bit nervous about what the customs people would say if they were to find the transmitter tubes etc. I had already hidden the four crystal elsewhere! I had prepared myself with what to say if I was stopped and I was going to tell them that the components were for an audio amplifier that I was going to build! However, I was lucky and although they took a look into my baggage, the customs people only saw my Kenwood R-600 receiver. After all of that, we all met up with the rest of our family who were waiting for us. When we got outside of the airport which was air conditioned, we were shocked by the very warm weather. It was 39 degrees celsius!! In Madrid, it had only been 10 degrees!

After a few weeks in South America, I began to construct a transmitter. There were a few components that I hadn't brought with me from Europe: a 600 volt transformer, some resistors and capacitors for high voltages. It was to be a difficult task to find these things; I tried several different shops but they only had components that could handle around 35 volts. At last though, I found one that could manage 250 volts. With this, I could use 325 volts to the plate. On January 15th, we at last managed to get into the air. In the middle of the night, I managed to put up a dipole for 15013 kHz. I wasn't running full power because of the limited power supply but I was on air and that was a good feeling. I was broadcasting from the heart of South America.

On the morning of January 16th, my brother-in-law and I took my father's car and drove a few kilometres to see if everything was alright and if we could hear the broadcast. Everything was fine and we sat drinking 'terere', a typical South American cold ice tea and listening to the pre-recorded programmes going out! The frequency suddenly went quiet and we didn't know what had happened. Had the transmitter blown up?! We quickly drove back to my father's

house where we found that somebody had taken out the electricity supply! Why? Well, it was my father. He is near on seventy years old and didn't understand what was going on. He could hear a sound in the corner of the room but couldn't see anything working and so he wondered why the plug should be on and so switched it off!

From January 22nd, we were right in the heart of the jungle for one week and were one hundred kilometres away from the nearest city. It was a very nice place and you could see huge trees and greenery all around. It was just like paradise. There was just one problem in the area though and that was the malaria. I'm not too sure if I'm contaminated yet but my brother-in-law is!

I had big plans for broadcasting from the jungle but sadly, these did not happen. I wanted to broadcast for four-six hours a day but there was no regular electricity but there was a generator that I used in the evenings.

Unfortunately, being the fool I am (!), I went and connected something wrong and blew the capacitor in the power supply! We were only on the air for just a few minutes. I managed to get another capacitor in a small village 26 kilometres away but this was rated for just 300 volts and exploded after another few minutes! This resulted in my family thinking that I had died in the small explosion!

Back to civilisation and I at last managed to get four very good capacitors and for my last two transmissions from South America, I was able to run seventy watts.

During my stay in the particular country, I visited several local radio stations and I met an old radio friend who is one of the most well known radio personalities and works on the biggest private broadcasting station in the country. Twice, we went to a restaurant where we ate and talked a lot about the radio situation in the country and elsewhere as well. We also talked about sports and remembered the time that this friend came over to my now home country.

February 12th was a very sad day. We had to leave South America and started our journey back to Europe. How long will it be before I return once again to my real home land? You can be sure though that whenever I do return, I will be making some more clandestine broadcasts! ■

☆☆☆☆ YOUR LETTERS ☆☆☆☆

We have decided to introduce a letters page into PC which will contain some of your letters with compliments, criticisms and ideas for future issues of the magazine. We are always interested to hear from our readers, whatever you may have to say, whether it be nice or perhaps even not so nice! Your ideas will always be taken into consideration and if feasible, they will be put into practice. We look forward to hearing from you . . . meanwhile, here's a look at some of the letters we have received and our answers to them:

☞ . . . Sorry for the delay in re-subscribing but I've been too lazy to put pen to paper. It was only when I heard on a SW pirate that the next edition was now due that it prompted me to send in this letter and cheque! The magazine is very informative and a great read. If you require any SW loggings then let me know. However, I think that your SW coverage is extremely comprehensive and my loggings would only be duplicate ones. . . Ian Iredale, Merseyside, England.

Thank you very much for your letter and cheque Ian! It's good to know that you enjoy reading the magazine and I would just like to say that any logs will always be gratefully received. Even if you think they may duplicate ones that we already may have, please send them along to us anyway.

☞ . . . I enjoyed the January issue and have some suggestions:

1) FM News From Around The UK should be changed to FM News From Around The British Isles with two new sections - Dublin and the rest of Ireland. 2) Mediumwave stations from Ireland and the UK should be included in the FM list. 3) In Derek Taylor's mediumwave column, the stations should be listed in order of frequency and not date heard (although date should still be included!) 4) PC should get together with some other publication and share printing and posting facilities with that publication. This would have two advantages: i) Both magazines could be mailed out at the same time (in the same envelope) to those subscribing to both publications, reducing postage costs and ii) a joint subscription for both magazines could be offered - for example, £10 per year for one magazine or £17 per year for both. 5) In future magazines, perhaps you could include articles such as reviews of commercially available broadcast equipment, construction articles, history of offshore stations, programme schedules for all non-religious programmes. . . Michael Byron, Limerick, Eire.

Well Michael, a nice letter and some interesting ideas for PC! I'll start at the top. I would very much like to include FM news from Dublin and Ireland in PC and if readers are willing to contribute, the information will be incorporated. Any MW news from our Irish readers would also be welcomed and included. As for your idea about Derek's MW section, I would prefer to keep things in date order. This is because if people have heard a pirate on a particular date and wish to find out which it was, they can simply locate the date and then frequency. On to your next point and although it would be nice to combine with other publications and share costs, that really would be quite difficult. Pirate Chat is the only pirate magazine in the UK apart from Anorak Monthly and their print run is made at a different time to ours which would complicate things. There are publications abroad but if Pirate Chat was to be printed overseas in conjunction with another magazine, I would then have to pay for over one hundred magazines to be packaged and posted back to this country and vice versa if I was to print for a foreign publication. Nice thought though! Finally to point five and we do from time to time include construction articles which seem to go down well. I think that too many other magazines have covered the histories of offshore stations and that is why landbased station histories are included in PC instead and as for station schedules, I have been considering the introduction of these so some may appear soon! Thanks a lot Michael and I hope you're still enjoying the magazine!

☞ . . . Recently received a nice long letter from Mr. Pirana. I'd given up of ever hearing from him as I sent the MW reception report (plus grovelling letter!) way back in September! Listening to Mr. Barones at the moment (0230) and the reception of his broadcasts are unbelievable. Even on my Hitachi/JVC receivers, he is coming in loud and clear. Are his broadcasts being relayed by an ILR or is his rig a mega-mighty watt thing?! . . . Didn't enjoy Steve Midnight's last column in PC 29/30. A lot of people slagged off Radio Caroline (she will return!) for sounding samey to the legit ILRs but at least she was there broadcasting. Maybe a few MW/SW pirates don't actually QSO with other stations or broadcast aural programmes but the fact that they still bother to fire up their transmitter every so often should be enough to keep the unlicensed enthusiast happy (except Steve Midnight!). The pirates are far superior to the inferior legit efforts so I don't understand what Steve Midnight is going on about when he says that they sound (pirate and legal) the same. Perhaps it's best that he's signed off from Pirate Chat now that his I love ILR feelings are known! . . . Doug Sharrard, Leicester, England.

Thanks a lot Doug for your comments! Sorry if Steve upset you a little - he has a great way with words! Good to know that you've got a reply from the Pirana. I too have recently had one. There are quite a few other Dutch MW pirates who reply to letters and even the notorious non-verifier, WALDOLALA has recently sent out a few letters. He gives quite good signals and is still using 186 metres. Drop him a line if you hear him. He cannot speak English though so you'll have to send your report to the DPRS who will do the rest if you enclose forwarding costs!

☞ . . . Thanks for sending me Pirate Chat 29/30. It is a great read every time! But is it really necessary to publish four valuable pages with just logs? I think that the majority of your readers are subscribers of FRS Goes Dx and/or Free Dx anyway! It is sad to see that Steve Midnight has stopped his contribution. It was always interesting to read his thoughts. It would be a real pleasure for me to write exclusively for Pirate Chat in each issue with a little article about topics concerned with the current Free Radio scene such as bad listener response at the moment or perhaps the German pirate scene. I think that I would be able to find enough topics. I think that I have the advantage because I know both sides of the business. I am involved in a station and I am an enthusiastic follower of the Free Radio scene as a listener. . . Chris Feeny, European Pirate Radio, Germany.

Well Chris, thanks a lot for your very kind and interesting letter and also for the logs that you sent along and the info concerning EPR. Nice to know what you think about the SW logs in PC. Well, some people may see it as a waste of space, especially if they are subscribers of other publications that give logs but I had quite a few people writing in to me saying that I should include them in PC and so that is what I have done. Perhaps some of the other PC readers could let me know what they think and perhaps if they feel the same way, I will then stop printing them and use the space for something else. As far as you writing articles for PC is concerned, I think that would be a great idea. I would very much like to have you join the team here and produce regular articles for us. It would be nice to know what you have to say about so-called pirate radio and also other things such as the German Free Radio scene. I look forward to hearing from you in future months will any articles concerning radio that you may wish to write. Once again, thank you very much indeed for your kind offer of helping out and I look forward to reading what you have to say!

A selection there of some of your letters and your comments. I hope that you all like the idea of using these in Pirate Chat and I look forward to hearing from you soon. Don't forget the address - 12 Dorman Road, Preston, England, PR2 6AS. ■

TRADING CORNER...

WANTED:

50 WATT FM TRANSMITTER IN WORKING ORDER. Contact: M. Davies, 27 Cromwell Street, Birches Head, Stoke-on-Trent, Staffordshire, ST1 6NH.

FOR SALE:

15 WATT FM TRANSMITTER IN WORKING ORDER. This has been in storage for several years and never properly used. It has been tested into a dummy load and works perfectly well. The transmitter is tuned to 104.70 MHz and operates from a 12 volt DC source. It can be changed from this frequency if required. For further details, letters can be forwarded to the transmitter owner via Pirate Chat, 12 Dorman Road, Preston, England, PR2 6AS.

THE MEDIUMWAVE HAND MADE OCTAGON

This antenna is a real must if you are a DXer wanting to pick out some of those illusive and hard to hear mediumwave stations. This eight-sided loop antenna measures 24" wide by 24" tall and is very competitively priced. We advise you to send today for further details and see our review of this superb antenna and specially made stand in the next issue of PC. Write now to: 120 Loughton Way, Buckhurst Hill, Essex, England, IG9 6AR.

ARE YOU KNOWLEDGEABLE ABOUT DUTCH FREE RADIO STATIONS?

Do you know much about the illusive stations that pop up on both SW and MW from the Netherlands? Would you like to know more about such stations? The next issue of Pirate Chat available in **AUGUST** will contain extensive articles from both Derek Taylor and myself, the editor, concerning our experiences in the land of windmills and tulips. We will be visiting many stations between us and sharing our stories with you so be sure to purchase the next issue of PC containing exclusive interviews and photographs all the way from the European country with the most Free Radio stations!

RADIOGOLD TAPES

In the next issue of PC, we will be reviewing a series of tapes dating back to the 70s and 80s of land-based Free Radio stations which are now available to the public. ■

FM NEW FROM AROUND THE UK

All stations heard in March/April

LONDON

87.95 ENERGY FM
88.25 IMPACT FM
88.40 UNITY FM
88.80 BASSLINE FM
89.40 DEFECTION FM
89.80 STATION FM
90.30 INDEX FM
90.60 PULSE FM
91.00 LIGHTNING FM
91.60 GENESIS FM
92.00 POWERJAM FM
92.30 RUSH FM
92.90 PARADISE FM
93.20 FORMAT FM
93.80 VIBES FM
94.10 TOUCHDOWN FM
94.50 KOOL FM
95.40 FUNCTION FM
96.10 ZOOM FM
97.85 BUZZ FM
98.50 ELITE FM
99.60 RAGGA FM
100.50 SHADES FM
100.50 ATMOSPHERE FM
100.50 HOTWIRE/RUDE GIRLS FM
100.60 DUBWISE FM
101.30 ERUPTION FM
104.30 RUDE FM
105.25 GALAXY FM
105.40 CONCEPT FM
105.60 THE MUSIC MACHINE
105.60 INNER CITY RADIO
105.70 ZOOM FM
105.75 STORM FM
105.80 NEVER SAY DIE RADIO
105.80 DON FM
106.00 VENTURE FM
106.40 PHASE FM

NOTTINGHAMSHIRE

87.90 HCR
96.70 CITY FM
96.90 CASTLE RADIO
96.90 NRC FM
97.50 HORIZON FM 24 hours
100.55 FUTURE SOUND
100.60 RADIO FREEDOM
105.50 GEE FM
105.50 VIBE FM
105.70 CENTRE RADIO
106.30 BREEZE FM
106.80 POWER FM
107.30 TOUCH FM
107.70 GLOBE FM
LEICESTERSHIRE
105.50 FRESH FM
106.00 MIX FM

MANCHESTER

88.00 HARMONY FM
97.70 SUPER STATION
99.65 LOVE ENERGY
99.80 NEW HORIZON
100.40 VISION FM
100.40 SFM
100.70 FRONTLINE RADIO SOUL
101.56 FRONTLINE RADIO REGGAE
103.55 STING FM
104.60 CNFM
105.35 UNITY FRESH
105.70 RADIO MANDELA
105.75 FREESTYLE FM

WEST MIDLANDS

90.00 SANGAM RADIO
92.00 APNA RADIO
94.20 SKYLINE RADIO
99.75 SUNRISE FM
100.60 BIRMINGHAM CITY RADIO
100.70 FANTASY FM
100.90 RADIO ACTIVE
100.90 SUPREME FM
101.50 MAGIC FM
101.60 CITY FM
101.75 POWAH FM
102.05 RAW FM
103.50 PCRL
105.30 METRO FM
105.60 SANGEET/MILAN
105.75 RMS
105.80 TEST FM
105.95 OASIS FM
105.95 DEVIOUS FM
106.35 FRONTLINE RADIO
107.25 DUB FM

HAMPSHIRE

105.50 JAM FM

SUSSEX

93.25? FRIENDS FM
105.60 AIMS FM

106.00 KAOS FM

SOUTH YORKSHIRE

101.70 RADIO BRITANNIA
105.20 SHEFFIELD COMM RADIO

MERSEYSIDE

100.30 CONCEPT FM
100.40 FREE FM
100.50 CRUISE FM
100.80 CLUB 100 FM
101.50 RADIO NOVA
105.30 KAOS FM

AVON

101.10 ROUGH AND WICKED
102.20 NO BULL SHIT RADIO
104.00 MAGNUM RADIO
105.50 BAKAR RADIO ■

SHORTWAVE LOGS AT A GLANCE

All times UTC

Thursday 4th March 1993

6288 1505 FREE RADIO SERVICE LONDON
6268 1145 EMERALD RADIO INTERNATIONAL

Friday 5th March 1993

3909 2028 RADIO PIRANIA INTERNATIONAL
6210 0935 LIGHTNING INTERNATIONAL
6239 1243 RIVERSIDE 101

Saturday 6th March 1993

3910 0102 RADIO PIRANIA INTERNATIONAL
3917 2342 RADIO WITHOUT BORDERS INT
3932 2355 RADIO PSYCHEDELICA
6200 1219 JOLLY ROGER RADIO

6205 1009 RADIO X
6210 0942 LIGHTNING INTERNATIONAL

6211 1136 RADIO ATLANTIS
6229 0943 RADIO EUROPE

6229 1043 JOLLY ROGER RADIO
6233 1256 RADIO PAMELA

6239 0943 RIVERSIDE 101

6239 1217 RADIO MERLIN INTERNATIONAL
6295 0925 RADIO CAROLINE

Sunday 7th March 1993

3900 0050 RADIO PSYCHEDELICA
3905 0043 SUBTERRANEAN SOUNDS

3905 0057 RADIO FUSION INTERNATIONAL
3910 2320 CHRISTIAN PIRATE B'CAST N'WORK

3910 0102 RADIO PIRANIA INTERNATIONAL
3912 0203 RADIO FUSION INTERNATIONAL

3915 0150 RADIO PIRANIA INTERNATIONAL
3916 0208 RADIO TEST

3918 0041 RADIO WITHOUT BORDERS INT
3932 0016 RADIO PLUTO

6200 0826 RADIO MONA LISA
6200 0850 RADIO DUTCHBOY

6200 1152 RADIO DUTCHBOY
6206 1155 RADIO LOLLIPOP

6206 1456 RADIO JIMMY INTERNATIONAL
6210 0944 LIGHTNING INTERNATIONAL

6229 0831 JOLLY ROGER RADIO
6239 0833 RADIO MARABU

6239 1326 RADIO FREE MASSACHUSETTS
6239 1436 SOUTHERN MUSIC RADIO

6239 1542 N. IRELAND SW RELAY SERVICE
6255 0715 RADIO PIRANIA INTERNATIONAL

6255 1344 RADIO PIRANIA INTERNATIONAL
6255 1347 RADIO GLORIA INTERNATIONAL

6255 1420 RADIO TEST
6255 1423 VOICE OF THE GOUTSUFFERERS

6258 1342 PIRATE FREAKS B'CASTING SCE
6260 1437 RADIO TEST

6268 1145 EMERALD RADIO INTERNATIONAL
6279 0930 RADIO CALDONIA INTERNATIONAL

6280 1044 OZONE RADIO INTERNATIONAL
6280 1341 SKULL AND BONES RADIO SYSTEM

6285 0857 PIRATE FREAKS B'CASTING SCE
6295 0832 RADIO CAROLINE

6400 1128 RADIO ATLANTIS
6555 1204 RADIO BRIGITTE

7306 0857 RADIO WAVES INTERNATIONAL

7306 1043 CRAZY WAVE RADIO

7325 0954 RADIO MARABU

7415 1100 RADIO TEST

7416 1302 RADIO FUSION INTERNATIONAL

7446 1000 RADIO STELLA INTERNATIONAL

7459 1039 RADIO MI AMIGO

9985 1052 PIRATE FREAKS B'CASTING SCE

11400 1139 RADIO WAVES INTERNATIONAL

Tuesday 9th March 1993

6288 1455 FREE RADIO SERVICE LONDON

Wednesday 10th March 1993

6211 1445 RADIO ATLANTIS

Thursday 11th March 1993

7415 1055 RADIO MOONLIGHT

7415 1110 RADIO FUSION INTERNATIONAL

7415 1115 RADIO PIRANIA INTERNATIONAL

Friday 12th March 1993

3915 0100 RADIO FUSION INTERNATIONAL

3915 0100 RADIO MOONLIGHT

Saturday 13th March 1993

3917 2325 RADIO WITHOUT BORDERS INT

3945 2021 WEST AND NORTH KENT RADIO

6200 1010 RADIO METEOR

6200 1144 RADIO MARABU

6200 1151 JOLLY ROGER RADIO

6210 0933 LIGHTNING INTERNATIONAL

6229 0930 RADIO CATAPULTE

6229 1001 JOLLY ROGER RADIO

6229 1151 RADIO PAMELA

6239 0932 RIVERSIDE 101

6239 0959 RADIO ACTIVE

6275 1346 NYTROZONE

6295 1136 RADIO CAROLINE

6400 1237 RADIO ATLANTIS

6550 1136 RADIO ARTEMENTO?

7459 1217 RADIO MI AMIGO

21781 1602 RADIO PIRANIA INTERNATIONAL

Sunday 14th March 1993

3915 0100 RADIO FUSION INTERNATIONAL

3916 2250 RADIO PIRANIA INTERNATIONAL

6200 0800 RADIO DUTCHBOY

6200 0905 RADIO DELTA (Ruurlo)

6204 1324 BIG APPLE

6205 1205 RADIO STELLA INTERNATIONAL

6205 1214 WEEKEND MUSIC RADIO

6210 1102 HEAVY DUDE RADIO

6210 1258 VOICE OF THE GOUT SUFFERERS

6210 1312 RADIO GLORIA INTERNATIONAL

6229 0845 JOLLY ROGER RADIO

6229 0926 RADIO SHAMROCK

6229 0958 BRITAIN RADIO INTERNATIONAL

6239 0500 RADIO FREE MASSACHUSETTS

6239 0800 CRAZY WAVE RADIO

6239 0949 N. IRELAND SW RELAY SERVICE

6239 1009 RADIO MERLIN INTERNATIONAL

6250 0932 RADIO EAST COAST COMMERCIAL

6252 0908 RADIO RABBIT INTERNATIONAL

6255 1416 RADIO GLORIA INTERNATIONAL

6268 0946 EMERALD RADIO INTERNATIONAL

6275 1022 RADIO ORION

6280 0951 OZONE RADIO INTERNATIONAL

6290 0845 RADIO LOLLIPOP

6290 0901 RADIO KARIBU

6295 0959 RADIO CAROLINE

6300 0901 RADIO MERLIN INTERNATIONAL

6400 1306 RADIO ATLANTIS

7275 0841 RADIO MONA LISA

7290 1135 RADIO X

7306 0900 RADIO WAVES INTERNATIONAL

7360 1414 RADIO PACMAN

7360 1427 RADIO FUSION INTERNATIONAL

7390 1019 RADIO BRIGITTE

7410 1349 RADIO FUSION INTERNATIONAL

7410 1358 RADIO PACMAN

7415 1337 RADIO PIRANIA INTERNATIONAL

7446 1232 RADIO STELLA INTERNATIONAL

7480 0859 RADIO BENELUX

7484 1020 RADIO MARABU

7546 1045 RADIO BRIGITTE

SHORTWAVE LOGS AT A GLANCE

6200 1312 RADIO LONDON

6206 0820 RADIO JIMMY INTERNATIONAL

6210 0919 LIGHTNING INTERNATIONAL

6217 0813 RADIO DIVA

6229 0927 RADIO CATAPULTE

6229 1006 RADIO SHAMROCK

6233 1142 RADIO PAMELA

6239 0905 RIVERSIDE 101

6278 1449 FREE RADIO SERVICE LONDON

6295 1127 RADIO CAROLINE

6300 0842 RADIO MERLIN INTERNATIONAL

6400 1200 RADIO ATLANTIS

7290 0947 RADIO PLUTO

Sunday 21st March 1993

3905 0051 RADIO 75

3905 0215 RADIO FUSION INTERNATIONAL

3910 0016 RADIO PSYCHEDELICA

3910 0130 ROMANTIC SPACE RADIO

3915 0125 WAVE RADIO INTERNATIONAL

3916 0116 RADIO FUSION INTERNATIONAL

6200 0830 RADIO ORANG UTAN

6200 1102 RADIO TORENVALK

6200 1117 LIVE WIRE RADIO

6205 1054 RADIO METEOR

6205 1411 RADIO PIRANIA INTERNATIONAL

6210 0908 LIGHTNING INTERNATIONAL

6229 0834 JOLLY ROGER RADIO

6239 0738 RIVERSIDE 101

6239 0801 RADIO MERLIN INTERNATIONAL

6255 0500 RADIO PIRANIA INTERNATIONAL

6262 1159 RADIO MERLIN INTERNATIONAL

6262 1553 N. IRELAND SW RELAY SERVICE

6268 0949 EMERALD RADIO INTERNATIONAL

6275 0835 RADIO ORION

6287 1613 RADIO PIRANIA INTERNATIONAL

6295 0834 RADIO CAROLINE

6300 0834 RADIO MERLIN INTERNATIONAL

6400 1225 RADIO ATLANTIS

6527 0806 CLANDESTINE RADIO SOCIETY

6530 1406 LIVE WIRE RADIO

6553 1247 RADIO SANTANA

7306 0804 RADIO WAVES INTERNATIONAL

7306 0816 JOLLY ROGER RADIO

7446 0835 RADIO STELLA INTERNATIONAL

11400 1113 RADIO WAVES INTERNATIONAL

11404 0929 RADIO DELTA (Elburg)

15040 1250 RADIO PIRANIA INTERNATIONAL

Wednesday 24th March 1993

3905 2002 SUBTERRANEAN SOUNDS

6255 1700 RADIO PIRANIA INTERNATIONAL

Friday 26th March 1993

3905 0015 SUBTERRANEAN SOUNDS

6292 1330 RADIO ARMADILLO

6530 1405 LIVE WIRE RADIO

Saturday 27th March 1993

3910 2316 CHRISTIAN PIRATE B'CAST N'WORK

3917 2335 RADIO WITHOUT BORDERS INT

3918 2050 RADIO PIRANIA INTERNATIONAL

6200 1022 RADIO MARABU

6204 0949 RADIO X

6210 1740 HEAVY DUDE RADIO

6229 1030 JOLLY ROGER RADIO

Sometimes on
shortwave:



Free radio
Pacman
41 mb - 7290 KHz.
With music and
qso's from:
The Netherlands.

Monday 15th March 1993

7490 1446 RADIO PAMELA

Tuesday 16th March 1993

6211 1410 RADIO ATLANTIS

Wednesday 17th March 1993

6229 0135 RADIO SHAMROCK

6229 0832 RADIO SHAMROCK

Thursday 18th March 1993

6211 1559 RADIO ATLANTIS

6292 1345 RADIO ARMADILLO

Friday 19th March 1993

6239 2340 RIVERSIDE 101

6300 1850 RADIO MERLIN INTERNATIONAL

Saturday 20th March 1993

3932 2345 RADIO PLUTO

6200 0906 RENEGADE SOUND

6200 1239 RADIO ORANG UTAN

SHORTWAVE LOGS AT A GLANCE

6229 1300 RADIO PAMELA
6239 0930 RIVERSIDE 101
6239 1104 SOUTHERN MUSIC RADIO
6255 1245 RADIO PIRANIA INTERNATIONAL
6295 0834 RADIO CAROLINE
6400 1159 RADIO ATLANTIS
6550 1002 RADIO PLUTO
7415 1324 RADIO PIRANIA INTERNATIONAL
15040 1324 RADIO PIRANIA INTERNATIONAL
Sunday 28th March 1993
3905 0021 SUBTERRANEAN SOUNDS
3912 0037 RADIO BLACKSEA INTERNATIONAL
3915 0013 RADIO PIRANIA INTERNATIONAL
3932 0100 RADIO PLUTO
6200 0916 RENEGADE SOUND
6200 1022 RADIO DELTA (Ruurllo)
6204 0913 RADIO X
6204 1200 FREE RADIO SERVICE LONDON
6206 0914 RADIO JIMMY INTERNATIONAL
6212 1246 RADIO DAIWA
6229 0848 JOLLY ROGER RADIO
6239 0830 RADIO MERLIN INTERNATIONAL
6252 0802 RADIO RABBIT INTERNATIONAL
6262 0914 RADIO MERLIN INTERNATIONAL
6262 1221 N. IRELAND SW RELAY SERVICE
6262 1231 RADIO SCOTTISH MONTREAL
6268 0928 EMERALD RADIO INTERNATIONAL
6275 1003 NYTROZONE
6280 0941 OZONE RADIO INTERNATIONAL
6282 0914 RADIO CALDONIA INTERNATIONAL
6295 0915 RADIO CAROLINE
6400 1118 RADIO ATLANTIS
7295 1007 CLANDESTINE LISTENERS CLUB
7306 0700 RADIO WAVES INTERNATIONAL
7446 0942 RADIO RECHARGE INTERNATIONAL
7446 1035 RADIO STELLA INTERNATIONAL
7473 0942 RADIO WAVES INTERNATIONAL
7546 0937 RADIO BRIGITTE
11401 0825 RADIO WAVES INTERNATIONAL
Tuesday 30th March 1993
6400 1609 RADIO ATLANTIS
Wednesday 31st March 1993
6402 1252 RADIO MI AMIGO
Thursday 1st April 1993
3910 7777 NOT RADIO FAX
3915 2217 RADIO FUSION INTERNATIONAL
6400 1420 RADIO ATLANTIS
Saturday 3rd April 1993
3917 2316 RADIO WITHOUT BORDERS INT
6200 1100 RADIO LONDON
6205 0930 RADIO X
6239 0850 RIVERSIDE 101
6239 1300 SOUTHERN MUSIC RADIO
6262 0832 RIVERSIDE 101
6295 0838 RADIO CAROLINE
6400 1114 RADIO ATLANTIS
7294 0920 RADIO MARABU
Sunday 4th April 1993
6200 1237 RADIO FREE BRITAIN
6205 1417 WEE GUY RADIO
6210 0951 LIGHTNING INTERNATIONAL
6210 0955 HEAVY DUDE RADIO

6211 1338 RADIO ATLANTIS
6229 0859 JOLLY ROGER RADIO
6239 0859 RADIO MARABU
6250 0900 RADIO EAST COAST COMMERCIAL
6255 1254 CTD 12
6266 1040 RADIO MERLIN INTERNATIONAL
6280 0940 OZONE RADIO INTERNATIONAL
6295 0900 RADIO CAROLINE
6558 0901 RADIO BRIGITTE
7415 1030 RADIO FUSION INTERNATIONAL
7415 1240 WAVE RADIO INTERNATIONAL
7459 0939 RADIO MI AMIGO
7473 1022 RADIO WAVES INTERNATIONAL
7546 1207 RADIO BRIGITTE
11401 1227 RADIO WAVES INTERNATIONAL
Monday 5th April 1993
6211 1504 RADIO ATLANTIS
6278 1235 RADIO CALDONIA INTERNATIONAL
Tuesday 6th April 1993
6285 1206 RADIO MI AMIGO
Wednesday 7th April 1993
6211 1316 RADIO ATLANTIS
6288 1425 RADIO ARMADILLO
6298 1235 RADIO IRELAND INTERNATIONAL
Friday 9th April 1993
3917 2216 RADIO PIRANIA INTERNATIONAL
6219 1140 RADIO PLUTO
6229 1330 JOLLY ROGER RADIO
6229 2105 JOLLY ROGER RADIO
6267 2025 RADIO MERLIN INTERNATIONAL
6296 2100 RADIO MARABU
Saturday 10th April 1993
3905 2327 SUBTERRANEAN SOUNDS
3910 0030 RADIO PIRANIA INTERNATIONAL
3918 0120 RADIO PIRANIA INTERNATIONAL
6200 0920 RADIO METEOR
6205 0922 RADIO X
6205 0926 RADIO METEOR
6206 1001 RADIO JIMMY INTERNATIONAL
6207 0851 RADIO ALBATROS
6211 1037 RADIO ATLANTIS
6219 1057 RADIO PLUTO
6229 0929 RADIO EUROPE
6229 1021 JOLLY ROGER RADIO
6238 0809 RADIO PACMAN
6239 0926 RIVERSIDE 101
6239 1052 RADIO MERLIN INTERNATIONAL
6243 0030 RADIO PIRANIA INTERNATIONAL
6267 0929 RADIO MERLIN INTERNATIONAL
6295 0925 RADIO CAROLINE
7542 1215 RADIO BRIGITTE
12393 0030 RADIO PIRANIA INTERNATIONAL



SHORTWAVE LOGS AT A GLANCE

Sunday 11th April 1993

3915 0025 RADIO FUSION INTERNATIONAL
3917 2230 RADIO PIRANIA INTERNATIONAL
4764 1523 RADIO PAMELA
6202 1335 WEEKEND MUSIC RADIO
6211 0841 RADIO STAR
6211 1128 RADIO ATLANTIS
6217 0957 RADIO BRIGITTE
6229 0845 JOLLY ROGER RADIO
6233 1430 RADIO PAMELA
6239 0545 RADIO SCOTTISH MONTREAL
6239 0934 RADIO ACTIVE INTERNATIONAL
6239 1432 N. IRELAND SW RELAY SERVICE
6239 1210 SOUTHERN MUSIC RADIO
6245 2230 RADIO PIRANIA INTERNATIONAL
6255 1416 RADIO GLORIA INTERNATIONAL
6267 0942 RADIO MERLIN INTERNATIONAL
6278 0842 RADIO CALDONIA INTERNATIONAL
6280 1036 OZONE RADIO INTERNATIONAL
6295 1051 RADIO CAROLINE
6400 0905 LASER ROCK
6552 0747 RADIO NORTHSEA INTERNATIONAL
6555 1225 RADIO PLUTO
6555 1300 RADIO X
6555 1337 RADIO JIMMY INTERNATIONAL
6555 1421 RADIO SANTANA
6556 1422 RADIO BRIGITTE
7295 0833 CLANDESTINE CLUB GERMANY
7415 1030 RADIO PIRANIA INTERNATIONAL
7446 1238 RADIO STELLA INTERNATIONAL
7473 0810 RADIO WAVES INTERNATIONAL
7484 2022 RADIO WAVES INTERNATIONAL
7490 1416 RADIO PAMELA
12393 1030 RADIO PIRANIA INTERNATIONAL
15043 1030 RADIO PIRANIA INTERNATIONAL

Monday 12th April 1993

6200 0948 JOLLY ROGER RADIO
6210 0840 HEAVY DUDE RADIO
6210 0845 JOLLY ROGER RADIO
6229 0805 JOLLY ROGER RADIO
6233 0905 BRITAIN RADIO INTERNATIONAL
6239 0905 RIVERSIDE 101
6267 1248 RADIO MERLIN INTERNATIONAL
6286 1059 NYTROZONE
6554 1334 RADIO BANDOLERO
7360 0905 BRITAIN RADIO INTERNATIONAL
7411 1010 SUBTERRANEAN SOUNDS
7459 0905 LASER ROCK
7473 0724 RADIO WAVES INTERNATIONAL
7484 0839 RADIO MARABU
7558 1225 LASER ROCK

Tuesday 13th April 1993

6239 1016 RIVERSIDE 101
6296 1035 RIVERSIDE 101

Wednesday 14th April 1993

6211 1457 RADIO ATLANTIS

Thursday 15th April 1993

3910 2328 WEEKEND MUSIC RADIO

Friday 16th April 1993

3910 2205 WEEKEND MUSIC RADIO

Saturday 17th April 1993

3905 2302 RADIO 75

3910 2344 WEEKEND MUSIC RADIO

3936 2307 RADIO CAROLINE

4764 1523 RADIO PAMELA

6200 1123 RADIO ORANG UTAN

6200 1247 RADIO METEOR

6211 1049 RADIO ATLANTIS

6219 0848 RADIO PLUTO

6240 0923 RADIO PLUTO

6296 1025 RIVERSIDE 101

Sunday 18th April 1993

6200 0834 RADIO ORANG UTAN

6200 1000 FREE RADIO SERVICE HOLLAND

6229 1133 JOLLY ROGER RADIO

6239 0914 CRAZY WAVE RADIO

6239 1012 N. IRELAND SW RELAY SERVICE

6239 1135 RADIO MERLIN INTERNATIONAL

6280 1134 OZONE RADIO INTERNATIONAL

6295 1142 RADIO CAROLINE

6400 1143 RADIO ATLANTIS

7295 0814 RADIO PLUTO

7415 1235 WAVE RADIO INTERNATIONAL

7415 1324 RADIO PIRANIA INTERNATIONAL

11412 1146 RADIO PIRANIA INTERNATIONAL

Monday 19th April 1993

3910 2049 RADIO RECHARGE INTERNATIONAL

Tuesday 20th April 1993

3910 1944 RADIO STELLA INTERNATIONAL

Wednesday 21st April 1993

3905 2327 RADIO WITHOUT BORDERS INT

3910 2205 RADIO RECHARGE INTERNATIONAL

3910 2311 RADIO STELLA INTERNATIONAL

6205 1155 RADIO X

6239 0827 RIVERSIDE 101

6239 0930 RADIO MERLIN INTERNATIONAL

6295 1428 RADIO CAROLINE

6400 1124 RADIO ATLANTIS

Sunday 25th April 1993

6200 0855 STAR CLUB RADIO

6213 0854 RADIO DAIWA

6227 7777 JOLLY ROGER RADIO

6234 0845 RADIO MARABU

6234 0852 JOLLY ROGER RADIO

6234 1151 BRITAIN RADIO INTERNATIONAL

6239 0845 SOUTHERN MUSIC RADIO

6239 1114 CONCEPT FM

6250 1050 WEEKEND MUSIC RADIO

6250 1133 LIVE WIRE RADIO

6255 1219 FREE RADIO SERVICE LONDON

6270 0912 RADIO PLUTO

6280 0942 OZONE RADIO INTERNATIONAL

6295 0853 RADIO CAROLINE

6400 0910 LASER ROCK

6400 1112 RADIO ATLANTIS

6556 0844 RADIO BRIGITTE

7360 1151 BRITAIN RADIO INTERNATIONAL

7425 0956 RADIO DELTA (Elburg)

7446 0848 RADIO RECHARGE INTERNATIONAL

7446 1012 RADIO STELLA INTERNATIONAL

7459 1348 RADIO MI AMIGO

7473 0846 RADIO WAVES INTERNATIONAL

7540 1049 RADIO MI AMIGO

7558 1030 RADIO MI AMIGO ■

A-Z SHORTWAVE NEWS

All Times UTC

RADIO ACTIVE have been heard via the NISWRS on March 13th and April 11th with programmes that are repeated several times with good presentation and now PC promotions as well! ADD - 6.

RADIO ALBATROS is one of several Dutch MW Free Radio stations that suddenly seem to have acquired a SW rig! This one was heard on April 10th using 6207 and was talked about quite extensively during a Dutch QSO at the lower end of 48 metres later that day! ADD - c/o DPRS, 12 Dorman Road, Preston, England, PR2 6AS.

RADIO ARIES has not been on air since their broadcast of January 31st and the mysterious station manager (I) recently told me that he hopes to return on 6400 some time in August. It will be then that the new French and German services will probably be introduced along with some brand new jingles. I am told that if fifty letters or more are received for that broadcast, a new QSL card will be issued and for people writing in for the first time, they will receive the new card in addition to the two that are already available. ADD - 4.

RADIO ARMADILLO continues to air fairly regular programmes on 48 metres on weekdays but little is still known about this station. Signals at our location are always very good indeed and to date, test transmissions have been made using 10 watts into a longwire antenna. Programmes at present are mainly based around continuous soft rock music with a few announcements.

RADIO ARTEMETO is quite a tentative name for an Italian station heard QSOing on March 13th using 6550. This part of the band is the sort of area that such Italian stations can be found happily chatting away to each other quite often. Pretty interesting - if you can understand Italian!

RADIO ATLANTIS have recently sent us the following article concerning their 55 Fairway Road mailing address: "A 42 year old man was ordered to pay a fine of £150 with £50 court costs for failing to have a television licence or a CB licence. He was also given a twelve month conditional discharge for aiding

and abetting to run a radio station without a government licence; an offence under the 1991 Broadcast Act by allowing his address to be used for mail to be sent to. The conditional discharge states that no further action will be taken as long as he does not offend in the future. Appearing before Warley Magistrates Court, West Midlands was Mr. Peter Barnfield of Fairway Road, Oldbury. Mr. Roy Howells for the DTI, RIS said "Officers called at Mr. Barnfield's home after hearing his address being given out on a known pirate radio station. A search warrant allowed us to search the premises, to confiscate any material that breached the 1991 Broadcast Act. We found nine letters addressed to the station known as Radio Atlantis. During questioning, Mr. Barnfield admitted that he had no TV licence or a CB licence. He did not know that collecting mail for the station was an offence. He also told us that he did not know who ran the station and where it came from." Mr. Howells later went on to say "The DTI, RIS are now seeking legal advice with a view to closing down the station." Currently, the maximum sentence that courts can impose on offenders is £2000 or three months imprisonment for first time offenders in a Magistrates Court, with an unlimited fine or two years imprisonment in Crown Court cases. Mr. Ashworth defending Mr. Barnfield said "This was a very minor breach of the Broadcast Act, just like a drop in the ocean. My client however, seems more foolish than a criminal." Mr. Barnfield was found guilty of all three offences and offered to pay the total sum of £200 at £5 per week; the sum was agreed by the Magistrates. Well, RADIO ATLANTIS does not seem to have been having too much luck of late. As well as having their first maildrop busted, equipment used for transmitting was recently smashed up by vandals. The transmitter was smashed, audio lead cut and aerials ruined. The station at the time was broadcasting from a block of flats and it is not sure whether the destruction was caused by the caretaker of the flats or a local FM pirate. ATLANTIS now has a different system of

broadcasting whereby their transmitter is located elsewhere and so cannot be damaged. Before this damage was caused, the station had three separate transmitters for fixed frequencies: 6211, 6300 and 6400. Since one of the transmitters was ruined, ATLANTIS operator, Sid Morris has had the three rigs turned into one which can be used on any frequency and has variable power from 25-50 watts. Signals from the station are pretty good for most of the time and the broadcasting schedule is Saturdays, Sundays and Wednesday afternoons on. During the last two months, ATLANTIS has been heard using this schedule and is one of the most active British stations at present. ADD - 52 Hackwood House, Hartlebury Road, Oldbury, West Midlands, B69 1EG, England.

RADIO BANDOLERO have only been heard once of late using 45 metres on Monday April 11th when good signals were heard here at the PC headquarters! ADD - P.O. BOX 4057, 8600 GB Sneek, Netherlands. **RADIO BENELUX** have re-introduced their Free Radio Spot programme with their monthly broadcasts. This includes station recordings and station operators can send the BENELUX team recordings of their station which will be consequently aired. On March 14th, station presenters, Mr. Activ and Jens Martin featured a recording of FM pirate, RADIO BELLINDA. ADD - 4.

BIG APPLE have been logged a couple of times during March and April with no programmes, just quick reports for other stations but with very strong signals into the UK. Perhaps in future we will hear some proper broadcasts?

RADIO BRIGITTE have recently started to air programmes way out of band around 7545 which I suppose means that they are being a bit different from the norm and individualistic which is after all what pirate stations are supposed to be! Broadcasts have also recently been heard on 48 and 45 metres as well. ADD - P.O. BOX 10, 7954 ZG Rouveen, Netherlands.

RADIO BLACK SEA INTERNATIONAL is another of the now several Russian Free Radio operations and has been heard using 75 metres as many stations are now using. **BRITAIN RADIO INTERNATIONAL** should now be sounding better than ever before because they are now theoretically the UK's

most powerful station. Around 135 watts is now the output of the 48 metre 'big rig' which has been upgraded from 100 watts! The modulation on the 50 watt 7360 outlet has also been improved and is now about 50 per cent louder than it previously was which should make quite a noticeable difference! The schedule is still every second and fourth Sunday but is sometimes broken which can partly be blamed on Roger Davis's current enthusiasm level! It goes up and now with the conditions on SW! On April 12th, 'BRI Overdrive' was aired on 6233 and 7360 with rock music but due to conditions, this was not too well received in the UK. April 25th saw a reduced schedule from the station with just Steve West's Radio File but BRI were on air which is good to see after a decade of dedication to giving us good programmes on SW! ADD - 1.

RADIO CALDONIA INTERNATIONAL made their final test transmission on April 11th and now plan to start proper programmes. Other tests were heard on March 7th, 28th and April 5th (Monday!). The transmitter appears to be drifting because on the 7th, we first of all logged CALDONIA on 6272 and finally on 6282! Fairish signals are heard and the April test seemed to have better modulation and jingles as well, making the station quite interesting to listen to. ADD - P.O. BOX 763, 3100 AT Schiedam, Netherlands.

RADIO CAROLINE are still airing programmes via Eire recorded aboard the MV Ross Revenge. Signals are now better than ever and over the Easter weekend, the 29th birthday was extensively mentioned by presenters claiming to have got a little tipsy through recent celebrations. 6295 is used by presenters such as Chris Kennedy, Bongo and Steve Masters on most weekends. ADD - P.O. BOX 963, London, England, SW20 8XL.

RADIO CATAPULTE one of the few French stations, has been heard a couple of more times recently with relays via JRR. ADD - 4. **CHRISTIAN PIRATE BROADCASTING NETWORK** have recently made a few transmissions on 75 metres from Sweden we think, although we are not too sure. ADD - c/o Stefan Printz, Kamnarsvagen 13D.220, 22646 Lund, Sweden.

CLANDESTINE LISTENERS CLUB

GERMANY have been heard twice of late using 7295. Good signals have been received in the UK and one would think that the station is being relayed via **RADIO EUROPE** in Italy but perhaps signals are too good for that? Any information would be appreciated. ADD - P.O. BOX 540101, 4100 Duisburg 54, Germany.

CLANDESTINE RADIO SOCIETY

INTERNATIONAL are still irregular on the bands and during the last two months have only been logged on one occasion. ADD - 4. **CRAZY WAVE RADIO** can be heard regularly on SW with relays via **NISWRS** and **RWI**. With the closure of **NISWRS** in the near future, that will still leave 7306/7473 and 11401 via **RWI**. Don't forget that this station does also ID as **WELLE WAHNSINN** and **QSL** cards are available! ADD - 4. **CTD 12** was another name used by **RADIO GLORIA** on April 4th on 6255 at 1254 while a cq call was being made.

RADIO DAIWA can be heard every now and again on 48 metres with **QSO** contacts but little is known about this station and any further information would be greatly appreciated.

RADIO DELTA (Elburg) is now concentrating on broadcasts outside of the traditional pirate bands and 25 metres is one band to look out for this famous Dutch pirate. On March 21st, he was active using 11404 with just 5 watts of power. Broadcasting down there, signals have been heard in countries such as Italy and Turkey so if you're based outside of the 'normal' listening countries, try and give **DELTA** a listen. **DELTA INTERNATIONAL** as Jan calls the station was also heard on April 25th, using 7425. ADD - P.O. BOX 41, 8080 AA Elburg, Netherlands.

RADIO DELTA (Ruurlo) made their last regular transmission for a few months on March 14th at 0905 on 6200. Peter Greenfield was heard with the usual programmes and the absence for the next few months is because operator, Gertie is going to be building a new aerial mast to put an even better signal out than they already do which will surely be hard to achieve! It is already superb at our location! On the 14th, a massive 700 watts was used during the first hour and then 250 watts during the second hour. A difference was noted on the 'reduced' power but the signal was still excellent. On March 28th, Gertie

popped up on 6200 at 1022 to give a report for **RENEGADE SOUND** who had been on the frequency. During July, on my trip to Holland, I will be staying at Gertie's house for a short while and I would just like to thank you very much indeed, Gertie, for your co-operation and thanks a lot for your photo! I look forward to meeting you! ADD - P.O. BOX 65, 7260 AB Ruurlo, Netherlands. **DUN LAOGHAIRE LOCAL RADIO** have been jumping on and off 48 metres quite regularly of late but now seem to have settled down once again to broadcasting on 6227. Signals are superb at our location and can be heard well into the evening. For those interested in listening to programmes different from the norm, **DLR** presents a programme in the Gaelic language every Saturday afternoon from 1300-1500 with music that you will be hard pushed to find anywhere else from a pirate station! ADD - **DLR 106 FM**, Dun Laoghaire, County Dublin, Eire.

RADIO DUTCHBOY have made various broadcasts here and there during the last two months with some pretty good results. On March 7th, the station was heard using 6200 at 0850 while **QSOing** with **MONA LISA** and then with a test from 1152-1323. This included PC promos(!) and a hello to me, the editor so thank you very much for that! Another programme was heard on the 14th and it seems as though broadcasting on 48 metres gives better results to this part of the world than on 41. ADD - P.O. BOX 13, 7710 AA Nieuwleusen, Netherlands.

RADIO EAST COAST COMMERCIAL continues to air their **DX** programme on every first Sunday of the month from around 0900. Warm-up music can usually be heard for around 30 minutes or so before the programmes begin and good signals can usually be logged. If you've written in to **RECC** over the past few months, Norman is gradually working his way through the mail so do bare with him! ADD - K Flats, 9-11 Church Street, Cromer, Norfolk, England, NR27 9ER.

EMERALD RADIO INTERNATIONAL when I last spoke to you in the SW section, was pretty regular on 6268 and 6855. Well, during the last two months, broadcasts have slackened off and the station has not been heard anywhere nearly as often as before. Do keep checking the frequencies though; you never know what you might hear! ADD - 8 Inverness Road, Dublin 3, Eire.

RADIO EUROPE continue to be heard every now and again via **JRR** on 48 metres and have been logged with their well presented programmes a couple of times recently. ADD - via Davanzali 8, 20158 Milano, Italy. **EUROPEAN PIRATE RADIO** have sent us some exclusive news which reads as follows: *"For the past few programmes, we got fewer and fewer reactions from the listeners. We tried a few things like to introduce a new music style (heavy metal) back in June 1992. We received no reactions. Our last programme on 31st January we had a special comedy section. We received no reaction! Another bad point are the reports from the listeners. The quantity is bad; for the Jan 31st broadcast via NIRS, we received four letters. For all three relays via the FREESOUND RELAY SERVICE at the end of 1992, we got one letter! The quality of the reports is worse! The consequence of this is that I have lost a little bit of my enthusiasm to produce further programmes. But in the summer of '93, EPR will be back with fresh programmes perhaps under a new name..."* Well as you can see from this, Chris Feeny does not seem too impressed with the listening audience at the moment and I believe that a lot of other stations also feel the same way. When **EPR** does return later this year, be sure to drop them a line. The station is on air for you and time is spent preparing programmes for your benefit so please do show your support. You'll be able to read some more of Chris's thoughts from the next issue of **PC** when he will be joining the crew here with a regular column. Be sure to have a read! ADD - 6.

PIN-MAGAZINE DROP BOX

PLEASE NOTE THAT FROM JULY 1ST 1993, THE GERMAN POSTCODE SYSTEM IS BEING CHANGED. THIS WILL RESULT IN THE WUPPERTAL MAILDROP ADDRESS BEING AS FOLLOWS:

P.O. BOX 220342
42373 WUPPERTAL
GERMANY

RADIO FREE BRITAIN is the same station as the **VOICE OF FREE BRITAIN** that was busted just before Christmas last year. One broadcast has been aired under this new ID using the 6200 crystal passed on by Mike Stevens of **RENEGADE SOUND**. **RFB** was heard on April 4th playing continuous music with jingles inbetween each track. I don't think you'll be hearing this station for a little while though because the operator has decided to spend a little time somewhere else other than his transmitter site for the moment!

RADIO FREE MASSACHUSETTS is one of two North American stations to have recently been relayed via the **NISWRS**. ADD - 5. **FREE RADIO SERVICE LONDON** can still be heard every now and again with short programmes. Continuous music and jingles can be heard from **FRSL** with recorded messages announcing various Free Radio recordings which are then played from mainly land-based stations. Just twenty watts is used but signals from this one are very good and I now have my suspicions as to whose behind the project!

FREE RADIO SERVICE HOLLAND returned to the air on April 18th with a programme that should have been aired on March 21st! However, it was still enjoyed by us via **ORANG UTAN** on 6200. Stefan Kramer, Joop ter Zee and Peter Verbruggen were heard on air with the usual bits and pieces including the **DX** show and some very good jingles! ADD - P.O. BOX 2727, 6049 ZG Herlen, Netherlands.

RADIO FUSION INTERNATIONAL is still pretty active on 75 metres and 41 metres and has recently even been heard during daylight hours on a weekday! The favourite time for this Swedish station though is late at night on a Saturday on Sunday on 3.9 MHz, although Jolly Jake can also be heard on weekday evenings as well! ADD - RFI, Media Team, P.O. BOX 33, N-1751 Halden, Norway.

RADIO GLORIA INTERNATIONAL from Bonnie Scotland have been making fairly regular appearances on 48 metres during the last two months, as ever and good signals have been noted. ADD - 5.

HEAVY DUDE RADIO also from Sweden continues to make broadcasts every now and again on 6210 and was heard in the UK on April 12th (Bank Holiday) with a fair signal

while skip conditions were long. As we said in the last PC, programmes from this as most Swedish stations are very hectic with various types of alcoholic beverages flying around the studio! ADD - c/o Stefan Printz, Kamnarsvagen 13D:220, 22646 Lund, Sweden.

RADIO IRELAND INTERNATIONAL

returned to shortwave on April 7th and were heard testing on 6298. This one was previously using 6625 but the Shannon Maritime Service uses 6623 and the RII op has received an official letter telling him to close his station. Well he hasn't done that but he has moved frequency which is the next best thing! ADD - P.O. BOX 452, Wellsville, NY 14895, USA.

RADIO JIMMY INTERNATIONAL is very busy at present with his studies but does find the time to make the odd shortwave broadcast! Operator, Henk can mainly be heard with QSOs on 6206 and 6555 but on March 20th, he was heard with an actual programme which is quite rare. Music included tracks from Cher and we recorded a SINPO of 23442 with some splatter from DLR on 6222(!). JIMMY has no set schedule but irregular Saturday broadcasts can be heard between 0800 and 0900 so have a listen out! If you hear these Dutch pirates, do drop them a few lines - they are very friendly people indeed and like to know that people are listening to them. Henk is a fine example of the friendliness that the Dutch stations show and will always reply to any letters! ADD - P.O. BOX 102, 7360 AC Beekbergen, Netherlands.

JOLLY ROGER RADIO are just a touch annoyed at present following DLR's move back up to 6227. JRR op, Joe Vincent thought that he had solved the DLR splatter problem after writing letters to the station and then having them move down to 6222. However, splatter is now very serious again because the JRR channel is as it has been for many years, 6229 meaning that anybody with a standard receiver can't hear Joe's signals very well at all. Well, his response to DLR is to start jamming them out which is what he did for the first time on April 25th causing a rather nasty heterodyne, making it difficult to listen to either station with good reception! Joe still has another couple of tricks up his sleeve to try and sort out DLR which is understandable considering that

JRR have been using 6229 every weekend for many years now! Anyway, while he has been able to broadcast properly, Joe has been pretty active recently on various frequencies with good reception logged at most times. Modulation should soon be improved so listen out for a better sounding JRR! ADD - P.O. BOX 39, Waterford, Eire.

RADIO JOYSTICK are now back on air after nearly three years of silence. Station op, Charlie Prince says that the main reason for his absence is mainly due to personal reasons but also the lack of listener response. ADD - 4 & P.O. BOX 100812, 4330 Muhlheim an der Ruhr 1, Germany

RADIO KARIBU returned to the air on March 14th after quite an absence. Operator, Eddy Elch was heard with a sixty minute relay via RADIO HELGOLAND on 6290. Listeners' letters were read out in Eddy's unique way and during his programme he complained while eating a banana about the tax (because of the EC) that will make bananas more expensive in Germany! ADD - P.O. BOX 82, 40101 Jyvaskyla, Finland.

LASER ROCK was operated over the Easter weekend by various members of the WNKR team, including Andy Walker (!). Unfortunately, conditions on the bands while the station was broadcasting were not too good and so programmes were not well heard in the UK. On April 11th, 6400 was used with the WNKR tx and on the 12th, 7459 and later, 7558 was used with the MI AMIGO tx but on this latter date, nothing was heard at all from the station. Around ten minutes of the programmes were repeated on April 25th via WNKR on 6400 and Andy Walker tells me that the station may be returning with full programmes on the Bank Holiday weekend at the end of May. ADD - 1.

LIGHTNING INTERNATIONAL seems to have slowed down on broadcasts recently because they were at one point active every Saturday and Sunday. Now, they can be heard just every now and again on 6210 with fairly decent signals. ADD - P.O. BOX 10, Stuart House, Kings Street, Droylsden, Manchester, England.

LIVE WIRE RADIO are still rare on the bands as far as airing programmes is concerned but the odd appearance from Bill Lewis is made every now and again on a variety of bands, whether it be to hold a full scale QSO or just to say 'hello' to some other

station while they are QSOing! ADD - 30 Pinewood, Ballybrack, County Dublin, Eire.

RADIO LOLIPOP was thought by us to have something to do with PFBS because on Pirate Andy's broadcast of March 7th he was playing recordings of the station and after PFBS closed that day, LOLIPOP appeared on 6206. It is a relay station though so perhaps Andy was relaying it in part on his broadcast and then in full on 6206 after PFBS closed. Anyway, on March 14th 'The Children's Station on Shortwave' was back again and on that date, we know that the relay was made by RADIO HELGOLAND who seem to be carrying quite a few relays at the present time. ADD - 4.

RADIO LONDON seem to have added an INTERNATIONAL to the end of their ID and so now are RLI! During the last two months, two relays have been made on 6200 which were via JRR. As ever, these have not resulted in a very good response with only a couple of letters received although goods signals were logged by us. RLI will be celebrating their second birthday soon so listen out down on 3910. ADD - 5.

RADIO MARABU are just one of the stations that are going to lose their main source of relays when NISWRS soon closes but will still have their own transmitter on 7484 and their JRR relays as well. During March and April, MARABU has been pretty busy with the usual alternative music shows. ADD - 4.

RADIO MERLIN INTERNATIONAL have been very busy over the last two months with programmes aired by the NISWRS each weekend on a variety of frequencies and with their own tx as well. Paul Watt has been hard using his own equipment on 6267 and 6300 with pretty good signals. With impending temporary close of the NISWRS, Paul is now looking for other people in Europe to relay his shows. ADD - 5+7.

RADIO METEOR should not be confused with the station of the same name operating from Finland. This one is of MW fame from the Netherlands and can now be heard with a twenty watt transmitter on SW. Operator, Jean has crystals for 6200, 6205, 6554, 7275 and 7290 so watch these frequencies for the station. METEOR has been quite active on SW recently and is using a quarter wave 'sloper' antenna for mainly QSO broadcasts. On April 10th though, a short programme with pretty good signals was heard on 6200.

Jean does talk in English as well as Dutch and plays a lot of music from Elvis and Sandy Shaw. A fine QSL sheet is available for reports. ADD - P.O. BOX 71, 7720 AB Dalfsen, Netherlands.

RADIO MI AMIGO has been fairly busy recently with various tests on interesting frequencies such as 7540 and 7558! It is with this station that quite a bit of interesting news lies! **THE FREE RADIO SHOW**, Europe's most successful radio programme is set for return on June 6th sounding better than ever before! The sixty minute show will contain nothing but news and recordings. No music will be played, just solid news and features. Archive recordings will be aired, many of which Andy Walker received while hosting 'Radio Dayz' on Euronet. An FM Midlands roundup will be included as will satellite news and various other things. Andy tells me that he stopped the Free Radio Show on WNKR last year because although people were listening, he was receiving no real feedback from his audience. This time, he hopes the show will be bigger than ever before as will the response so make sure you let Andy know you're listening and what you think of the programme. The Free Radio Show will be aired on MI AMIGO every first Sunday in future so don't forget to tune in! ADD - 4.

RADIO MONA LISA were heard on March 7th with what was probably their first 48 metre broadcast! RML can usually be heard up on 41 metres but on the 7th were using 6200 with good signals heard here for the music programme. Nice QSL sheets are available from this one so drop op, Henry a few lines! ADD - P.O. BOX 11, 7954 ZG Rouveen, Netherlands.

NORTHERN IRELAND SHORTWAVE RELAY SERVICE have now ceased airing their promotional broadcasts pending their temporary closedown due to the loss of their broadcasting site (see press release). As ever, during the past two months, the NISWRS have been very busy airing relays every weekend mixed in with their promotions. The station will return one day when a new site can be found and when it can, Andy Craig says that the station will be sounding better than ever before. A 9 MHz transmitter should be ready for use when the NISWRS hits the airwaves once again after closing some time in May. ADD - 6.

RADIO NORTHSEA INTERNATIONAL continue to pop up on shortwave every once-in-a while and as **RADIO RABBIT**, their usual frequency is 6252. ADD - 4.

NOT RADIO FAX is the yearly spoof station operated by somebody whose identity is only known to a few select people(!). The station was heard broadcasting as they did last year on April 1st using 3910 although 6205 and 12255 were also announced.

NYTROZONE who were of course **TOTAL CONTROL RADIO** before the name change, have been making a few test transmissions recently and a new crystal for 6286 has recently been obtained. If you want to hear this one, listening out on a Sunday morning is no good - Bank Holiday Mondays and Saturday or Sunday afternoons are the best times. ADD - 3.

RADIO ORANG UTAN returned to the air on March 20th with a test transmission for programmes from 0830 on the 21st. On the test, Freddy claimed to be QSOing with a German station but in fact he was not and was only joking! Signals were excellent as ever and on the 21st, **RADIO TORENVALK** was in the **ORANG UTAN** studio and played a few records and announced that if you were to write to him, he had some slickers to send out. Another properly programmed broadcast was made on April 18th on the usual 6200 after a test during the early afternoon of the 17th. As ever, signals were very good indeed and Freddy hopes to be returning on the 3rd Sunday of May which is the 16th. **ORANG UTAN** ADD - P.O. BOX 114, 7040 AC s'Heerenberg, Netherlands. **TORENVALK** ADD - P.O. BOX 94, 7038 ZH Zeddam, Netherlands.



RADIO ORION have gone very quiet indeed of late with only two broadcasts during the last two months - quite a contrast to the old times of seven days a week and then every weekend! Anyway, let's hope the boys return to 6275 again soon! ADD - 6 Worcester Street, Wolverhampton, West Midlands, England, WV2 4LD.

OZONE RADIO INTERNATIONAL can still be heard most Sunday mornings from around 1000 on good old trusty 6280. Signals remain usually very good in the UK and programmes consist of the **RADIO DUBLIN** 'Airwaves' show to begin with and then various other types of music. This is actually one of my favourite Sunday morning pirates and long may **OZONE** continue! ADD - 1.

RADIO PACMAN from the Netherlands in a recent letter told me that anybody interested in recording a programme for the station can do so and send it along for airing. **PACMAN** can be heard with good signals on 48 and 41 metres and only runs 5 watts. A good antenna sure makes all the difference and Mr. Pacman tells me that this is his secret! The station has been heard a few times of late and some very nice information sheets and QSLs are available here but make sure that when you write, you write a decent letter as well and don't just ask for a QSL like so many people nowadays seem to do. ADD - P.O. BOX 103, 8120 AC Olst, Netherlands. **RADIO PAMELA** seems to go in bursts at broadcasting on SW and over the past few weeks have been concentrating broadcasts on Saturday afternoons using 1609 and 1584 MW and more recently, back on FM once again. During the earlier part of March, various broadcasts were made on SW and on March 20th, the new twenty watt transmitter was tested. Not much of a difference was noted though between that and the usual 7 watt rig. On April 11th, operator Steve Most was able to make various tests and did so on 7490, 6233 and 4964. This latter 60 metre channel is the outlet that Steve is hoping to broadcast on more in future and on April 17th, he made a two broadcast with programmes from himself and Mark King from **FREESOUND**. ADD - P.O. BOX 2425, 119 Anaheim, CA 92814 2425, USA.

RADIO PIRANIA INTERNATIONAL have been keeping very busy indeed recently as you will see from the SW logs section. Operator, Jorge Garcia tells me that he intends to slow down on his broadcasting levels in the next few weeks but does have some new plans as well. One of these includes to broadcast on 11415 in the 25 metre band so do check out this frequency in future. 21590 is also a frequency to watch for this rather interesting station with an alternative of 21780 if this is unavailable. On May 16th and June 20th, **PIRANIA** will be active on 13950 beaming towards South America at 2100 or 2200. To date, six letters have been received from North America for broadcasts which can't be too bad at all! Sunday nights at around 2200 on 75 metres is another place to look around for the big fish with various types of music so have a listen out! ADD - c/o Stefan Printz, Kamnarsvagen 13D:220, 22646 Lund, Sweden.

PIRATE FREAKS BROADCASTING SERVICE returned to 6285 on March 7th with good programmes and good signals as ever. Pirate Andy was heard playing soul music and said that he has eventually received about twenty letters from the years '89 and '90 that were sent to the old Dedemsvaart address. The 31 metre band 9985 channel was being used in parallel and later that day, **PFBS** popped up on 6258 for a short while. ADD - P.O. BOX 386, 5900 AJ Venlo, Netherlands.

RADIO PLUTO is one of the Dutch Free Radio stations that has been kind enough to offer their hospitality while I visit the Netherlands during July. The station operator has also offered to take me to meet various other station operators, for which I thank him very much indeed! **PLUTO** has been pretty active during the last two months on 75, 48, 45 and 41 metres and a few adjustments have recently been made to the aerial, hence several test transmissions. Mr. **PLUTO** during a recent day off from work, decided to improve his dipole which he has indeed done. Previously, one half was undercover but now, both halves are outdoors and signals seem to be radiating a bit better. The antenna has also been shortened because during his adjustment, Mr. **PLUTO** found that it was actually cut for 5.7 MHz and not 6 MHz! In the last PC, we said that this station had acquired a crystal for 3910. Well this is now defunct but a crystal for 3932 has been obtained and used!

With a power of just under ten watts, good signals have been received during the early hours of a Sunday morning with some very interesting music shows! Keep up the good work Mr. **PLUTO** and I very much look forward to meeting you in a couple of months! ADD - P.O. BOX 103, 8120 AC Olst, Netherlands.

RADIO PSYCHEDELICA is another new crazy Swedish station who have been heard a few times. I'm not sure whether or not our loggings for this one are quite correct because they do not seem to correspond with logs mentioned in **Pirate Connection!** Oh well! The station has been active a few times on 75 metres with good signals received here in the UK. ADD - c/o Stefan Printz, Kamnarsvagen 13D:220, 22646 Lund, Sweden.

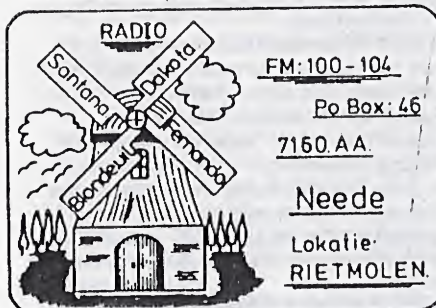
RADIO RABBIT INTERNATIONAL are connected with **THE FOX AM** but are not exactly the same people as we thought in a previous issue of **PC!** Anyway, **RABBIT** has been heard recently using their usual 6252 with fair signals beaming into the UK. ADD - 4. **RADIO RECHARGE INTERNATIONAL** have popped up a few times recently via **STELLA** and heard by us on 3910 and 7446 although 11413 has been used as well but not heard in the UK. Programmes are actually quite interesting to listen to - a bit different from the usual anorak sort of thing with a bit of fun on the air! New QSL cards are said to be available with designs of different old radios so get sending those reports! ADD - 3+6+7.

RENEGADE SOUND's Mike Stevens can now be heard with programmes on **RADIO ATLANTIS** quite regularly and with his own station, he has been on air a few times recently. After many months of fiasco, Mike has managed to get back his FM transmitter that was stolen some time back and is currently concentrating his efforts on this band. ADD - 1+7.

RIVERSIDE 101 has continued to be heard regularly via the **NISWRS** during the past two months from Friday night to Sunday night whenever scheduled relays haven't been aired. However, with the impending close of the Relay Service, **RIVERSIDE** with their twenty-four hour local service on 100.10 including news at the top of the hour, will be just one of the stations to be temporarily lost from SW. ADD - 166 Spencer Road, Waterside, County Londonderry, Northern Ireland.

SHORTWAVE NEWS

SANTANA from the Netherlands continues to be heard on 45 metres every now and again with QSO contacts putting fairish signals into the UK. ADD - P.O. BOX 46, 7160 AA Neede, Netherlands.



RADIO SCOTTISH MONTREAL from North America has been heard a couple of times recently via the NISWRS with the American style of pirate programming which is quite interesting to listen to and is an eye-opener when compared to the output of some European stations! ADD - P.O. BOX 109, Blue Ridge Summit, PA 17214, USA. **RADIO 75** is another new Russian addition to the bands and was heard for the first time on March 21st QSOing with RWBI. Good signals were received in the UK on 3905. **RADIO SHAMROCK** as predicted in the last PC, were active around St. Patrick's day and were heard on March 14th, 17th and 20th on 6229. There were programmes from Joe Vincent and Dutch presenter, Ted Clarke. This station is only ever active around the St. Patrick's feast and features music from only Irish groups. Special QSL cards have been issued. ADD - P.O. BOX 39, Waterford, Eire.

PIRATE CHAT 33/34 WILL NOT BE ISSUED IN JULY AS SCHEDULED BUT DUE TO OUR SUMMER BREAK, IT WILL BE AVAILABLE AT THE BEGINNING OF AUGUST WITH EXTENSIVE ARTICLES ABOUT DUTCH SW AND MW FREE RADIO STATIONS.

SKULL AND BONES RADIO SYSTEM is a great station name and a station that was operational several years back. However, station op, Gary St. John returned from the Emerald Isle on March 7th on 6280 calling **OZONE**. The signal heard here was fair-good with nice audio.

SOUTHERN MUSIC RADIO are another of the stations that will lose their main relay when the NISWRS closes temporarily soon and so their activity levels will probably start to decline. SMR just a few months ago decided to use only the NISWRS for relays and no other stations so I hope that the op can find his old relays once again. ADD - 3. **RADIO STAR** made a return to shortwave on April 11th with their second proper programme and a good signal here in the UK. Previously, operator Peter was using an old navy transmitter but he has now built his own 70 watt rig running off 700 volts. The next broadcast will probably be during the summer as announced and I hope to be visiting the station during my trip to Holland in July so the next PC may contain an exclusive article about **RADIO STAR**. Nice to hear you again Peter and keep up the good work - it was a nice programme with good audio and modulation! ADD - P.O. BOX 51, 1777 ZH Hippolytushoef, Netherlands.

STAR CLUB RADIO returned to the airwaves on April 25th with an absolutely superb signal into the UK! 6200 was used for a couple of hours during the morning with the usual theme 'Telstar' opening up the broadcast. Because SCR has been taking mainly relays during the last few months, we guess that this was probably via either **ORANG UTAN** or **DELTA** (Ruurlu) although we may be wrong. Announcements were made in various languages and it was nice to hear the station with the best signal ever received by us! ADD - 4.

RADIO STELLA INTERNATIONAL is back on the bands properly once again and as well as the 7446 and 11413 outlets, 75 metres has recently been introduced as well! Various tests were made during mid - late April on 3910 but the regular channel for weekly programmes throughout the night is to be 3945. As the other two transmitters used by RSI, the new one is based in Eire and gives very good signals into the UK with just 20 watts! Apparently, various small bits of wire have been strung together to make up the aerial but it sure seems to be working well! ADD - 82 Pentland Place, Kircaldy, Fife, Scotland.

SUBTERRANEAN SOUNDS has returned once again to broadcasting on 75 metres during the last two months and 3905 is now the regular channel. Various tests and proper programmes have been heard on this channel in addition to the odd broadcast on 7

MHz. On April 10th, the broadcast included a few people on the telephone line including Bill Lewis (soon after returning from the pub!) and Andy Winter. In Germany, the broadcast was received and thought to be featuring various people in the studio not on the telephone line! Steve Midnight has just got another batch of letters through from his maildrop and tells that as usual, they are fairly uninspiring - people just after QSLs as ever. This is very annoying really. The trusty verification card seems to be what everybody wants. Nobody seems to be interested in programme content which is the initial aim of a Free Radio station. Station operators don't come on air just so as to give people the chance of collecting another QSL, they want to input some decent shows onto the air and have a good time as well. It's just a pity that you the listeners don't appreciate everything that goes into getting a broadcast out onto the air and if you do then please say so! It does at times seem pointless in a station continuing if no real feedback is received from the listening audience. Anyway, Steve should be set for return on May 8th in the late evening on 3905 so have a listen out! ADD - 1.

VOICE OF THE GOUTSUFFERERS who seem to have launched something of a hate campaign towards us here at PC (!) have been heard a few more times recently with Bap McPhee and the lads on 6255.

WAVE RADIO INTERNATIONAL is the latest addition to the Free Radio scene in Sweden and have used several names since their very first broadcast. **RADIO TEST** was the initial ID, followed by **RADIO MOONLIGHT** and then onto **WRI**. Power used is 50-100 watts and signals into the UK are very good indeed and have so far been noted on 75, 48 and 41 metres. The station operator is a very keen Free Radio enthusiast and intends mainly to QSO with other stations although he may air some programmes every now and again as well. **RADIO WAVES INTERNATIONAL** have been experimenting during the last couple of months on 7306 instead of 7473. Signals are just the same but perhaps 7306 is a bit clearer. Perhaps though, if a clear channel could be found, signals would reach us UK listeners with stronger signals on 48 metres? Anyway, broadcasts have been noted on most weekends and the 25 metres outlet is still in operation on 11401. ADD - 3. **WEEKEND MUSIC RADIO** have been popping up every now and again during the

last two months but the most significant broadcast was that on Saturday night 17th April which lasted way into the early hours of Sunday morning! Alan Hays (**GLORIA**), Jock Wilson (**STELLA**), Bill Lewis (**LWR**) and Jack Russel (**WMR**) were all heard on air in various intoxicated states and 3910 was used in parallel with 1509 MW. Signals very very good indeed. 20-30 watts was being used on 75 metres and although after a while, it faded out, you could have easily thought that 100 watts was being used! On MW, the 1509 crystal used belongs to LWR's Bill Lewis but WMR op, Jack Russel still has 1515 to use which he intends to do in the future. Only around 50-60 watts was being used on 1509 and again, the signals were very good indeed and could even be separated from BRT on 1512 who have started to leave their blank carrier on air all night long. On April 25th, Jack had just returned from a short holiday in Ireland, sorting out the new **STELLA** 3 MHz rig and visiting various stations and was heard on 6250 talking about his experiences and sounding a touch down in the dumps at having to return home again! ADD - 6. **WEE GUY RADIO** celebrated 11 years of jolly broadcasting at the beginning of April and were heard with their usual style of programming of kiddies nursery rhymes and so forth on 6205. ADD - 5. **WEST AND NORTH KENT RADIO** have been a bit quiet again recently but have popped up every now and again on 6400. They were also heard once on 3945 and it was intended that 75 metres broadcasts were to be re-launched. However, on their first night back on 3945, various pieces of equipment were stolen which means that the usual transmission site is now un-safe to use regularly. Op, Dave Martin does still have plans for the relaunch of his station on 75 metres but 3945 is now to be used regularly by **STELLA** so it is currently unsure as to what frequency will be used. It may be as high as 4005 or as low as around 3860! ADD - 4.

RADIO WITHOUT BORDERS INTERNATIONAL continue to be heard on a regular basis using 75 metres. They have been heard using 3 MHz on most Saturday nights but I'm not too sure what their exact frequency is. The transmitter seem to drift about between 3915 and 3918 but signals are on the whole, pretty good with programmes mainly in Russian. ADD - P.O. BOX 29, Moscow 109444, Moscow.

RADIO X continues to be a regular from the Netherlands on SW and can be heard most weekends. Saturday mornings on 6205 is the favourite, although the station can be heard at other times on other frequencies. Signals are pretty good into the UK and although the op doesn't speak much English on air, he does understand the language so don't hesitate to drop him a line. ADD - P.O. BOX 102, 7360 AC Beekbergen, Netherlands.

ADDRESSES USED FOR SHORTWAVE SECTION:

- 1) 32 Victoria Road, Salisbury, Wiltshire, England, SP1 3NG.
- 2) B.P. 130, 92504 Rueil Malmaison, Cedex, France.
- 3) P.O. BOX 220342, W-5600 Wuppertal 22, Germany.
- 4) P.O. BOX 293, Merlin, Ontario, Canada, NOP 1WO.
- 5) 14 Stone Row, Coleraine, County Londonderry, Northern Ireland, BT52 1EP.
- 6) P.O. BOX 1218, Chelmsford, Essex, England, CM1 4BD.

LETTER FOR BROADCAST OR PUBLICATION

13th April 1993

It is with great sadness in this letter that I must officially inform everyone that the NIRS will be winding down its operation during May 1993.

This is especially sad for me as the Relay Service has become quite successful, with stations as far away as New Zealand and North America using the NIRS to broadcast their programmes to Europe.

The closure of the NIRS is due to the loss of our transmitter site; we have discussed to stay on with the new owners but this has been unsuccessful. To operate the NIRS properly, a reliable and safe site is the top priority and I believe it would be unfair to ourselves and to those using our service to try and operate the NIRS without a secure site.

I would like to pay thanks to the hundreds of people who have sent

MOST ACTIVE SHORTWAVE PIRATES OF JANUARY/FEBRUARY:

- 1) JOLLY ROGER RADIO - 33
- 2) EMERALD RADIO INTERNAT. - 28
- 3) RADIO ATLANTIS - 25
- 4) RADIO PIRANIA INTERNATIONAL - 23
- 5) LIGHTNING INTERNATIONAL - 15
- 6) RADIO MERLIN INTERNATIONAL - 13
- 7) RADIO X - 13
- 8) RADIO MI AMIGO - 11
- 9) RADIO WAVES INTERNATIONAL - 11
- 10) BRITAIN RADIO INTERNATIONAL - 11

MOST ACTIVE SHORTWAVE PIRATES OF MARCH/APRIL:

- 1) RADIO PIRANIA INTERNATIONAL - 33
- 2) JOLLY ROGER RADIO - 21
- 3) RADIO ATLANTIS - 21
- 4) RADIO CAROLINE - 16
- 5) RADIO MERLIN INTERNATIONAL - 16
- 6) RADIO WAVES INTERNATIONAL - 14
- 7) RIVERSIDE 101 - 14
- 8) RADIO FUSION INTERNATIONAL - 13
- 9) RADIO PLUTO - 11
- 10) RADIO BRIGITTE - 9 ■

*Nirs, Andy Craig,
14 Stone Row,
Coleraine,
Co. Londonderry,
BT52 1EP.*

reception reports and for the dozens of enquiries about the NIRS. Also, many thanks to Lorraine without whom the success of the Relay Service would not have been possible.

A great thank you to the many radio stations who have taken the opportunity of using the Relay Service and the memories of the warm relationships between us will never be forgotten.

A big thank you must also go out to those who have helped to keep the Relay Service on air, especially Jack, Bill, Ross and Paul.

I hope the closure of the Relay Service will be as short lived as possible and I look forward to the day when we return from a new transmitter site.

To all in Free Radio, forever yours,
Andy Craig

Note: maildrop will stay in operation.

BROADCASTING DOWN UNDER

by Martin Davies

FROM November 1992 to January 1993, I was lucky enough to be able to take an extended holiday down-under, in Australia. I covered over 7000 kilometres in just three weeks, starting in Sydney, flying north to Cairns, then across to Darwin and finally returning to Sydney on a two week coach/camping tour through the red centre. With temperatures around 42 degrees celsius and cans of Tooheys Red flowing like water, I still found time to twiddle with my tranny and find a number of interesting radio stations. Now let's take a look at the broadcasting scene down-under from a tourists point of view.

When you think of Australian radio stations, I expect that the only two that spring to mind are Radio Australia and the little community station that Henry used to work for in Neighbours. Well both these extremes do exist but there is a great deal in between. The radio scene is well developed with both state and established commercial broadcasters. However, as FM radio was late to develop in Australia, this is now the focus for most of the current activity.

As in the USA, all radio stations are allocated a callsign which is made up of a single digit followed by either two or three letters. The digit usually indicates the state in which the station is based and the letters are usually an abbreviation for the community, town or city which it serves. In general, two letters are used to denote AM (medium wave) and three letters to denote FM (VHF). The individual states are denoted as follows:

- 2 New South Wales
- 3 Victoria
- 4 Queensland
- 5 South Australia

- 6 Western Australia
- 7 Tasmania
- 8 Northern Territories

Until the mid '80s, AM radio was the mainstay of Australian broadcasting, partly due to the vast areas which need to be covered but also the clash of interests with TV broadcasters which slowed down the adoption of FM radio. Prior to 1974, the 88 to 108 MHz band had been allocated to TV broadcasting and was used for VHF channels 3, 4 and 5.

Broadcasters were facing the prospect of using a portion of the UHF band for FM radio. However, the Department of Communications (similar to the Radio Communications Agency of the DTI) saw sense in adopting the international agreed allocation between 88 and 108 MHz.

It has taken 15 years for the FM band to be cleared. One of the final TV stations to move, WIN TV on channel 4, moved to UHF in 1989. There has been a massive growth in FM

broadcasting since the beginning of the '90s, with new commercial and community stations coming on the air all the time. It has also provided the opportunity for established AM stations to move to FM but at a price. The last FM licence to be granted in Sydney cost a staggering A\$35 million (£17 million)!

AM radio uses the European system of 9 KHz channels so frequencies such as 558, 819 and 963 are common. AM stereo is in use but this is now declining due to the rise in popularity of FM. Only one system is allowed, Motorola C-QUAM.

Most commercial AM broadcasters in Sydney have their transmitters site in an area called Homebush Swamp. It is perfect for AM broadcasting but with so many masts in such a small area, problems with cross-mod and interference are common. Only one installation (2CH and 2UW) are diplexed onto a single mast.

State radio is in control of two organisations, the Australian Broadcasting Company (ABC) and the Special Broadcasting Service (SBS). The ABC is equivalent to the BBC. They collect an annual licence fee and provide a number of national, regional and local radio services. They also have responsibility for the international Radio Australia service and the national ABC TV network. The second and less well known state broadcaster is SBS. They cater for the great number of foreigners living in Australia, producing programmes in over 50 languages. They operate networked radio stations in most major cities and the national SBS TV network.

The idea of Community Radio is now well developed. With the growth in FM radio, many small towns and communities now operate radio stations, usually with local people working on a voluntary basis. They are all grouped together at the bottom of the band between 87.5 and 92 MHz. For example, a small community radio station, 2BLU broadcasting to Katoomba in the Blue Mountains with 15 watts. It started life as a part of the local community college and operated a restricted service with a temporary licence under the name Radio Blue Mountains. With the licence came a new callsign and the ability to form a community radio group producing local programmes for local people.

However, community radio is not restricted to specific groups. CAANA is the Aboriginal Community Radio,

producing programmes in eight native languages and operating many stations across Australia. These are mainly based in the out-back areas where Aboriginal communities are still to be found.

As a rule, callsigns used by the ABC national and local networks fall into four categories. In the Sydney area:

2RN Radio National
2JJJ ABC FM Rock Network
2FM ABC Regional or
Metropolitan Radio

On the next page, you can see the stations which I logged on my travels. The power of radio is amazing and it is strange to hear the influence of US radio is just as strong in Australia as it is here in the UK. On-air slogans such as Hot Hits and Latest Hits, Greatest Memories abound but thankfully, no mention of AM gold services!

My favourite station was 2MMM, Triple M105 in Sydney. Over the Christmas period, they played the listeners' all-time top 1000 tracks, in order, finishing at number two with Led Zeppelin - Stairway to Heaven and number one with Queen - Bohemian Rhapsody. Sorry Caroline fans, no sentimental memories of The Hurricane, Imagine or Fool If You Think It's Over, just the good old AOR favourites which feature all the time on Triple M!

The ABC provide a national shortwave service which unfortunately is now in decline. The only remaining stations are based in Queensland and Western Australia. In general, they are co-sited with ABC National Radio outlets.

The station VLI which once broadcast from Sydney closed down many years ago.

In the Northern Territories, there is also a domestic shortwave service which broadcasts to the vast outback area on frequencies between 2 and 5 MHz.

Stations logged in Australia

Cairns	4AM	558	
	4CA	846	
Darwin	8RN	657	ABC National Radio
	8DDD	105.70	
Katherine	8KN	639	ABC Regional Radio
	8DN	765	ABC National Radio
Tennant Creek	8RN	684	ABC National Radio Alice Springs
	8AL	783	ABC Regional Radio
	8SUN	96.90	SUN FM
	8KIN	100.50	CAANA
	8CCC	102.10	
Adelaide	5DDN	102.00	X102
	5KKA	104.90	KA FM
	5SSA	107.10	SA FM
	5UV	531	University Radio
	5AN	891	ABC Metropolitan Radio
Sydney	2RN	576	ABC National Radio
	2PB	630	ABC Parliamentary Radio
	2BL	702	ABC Metropolitan Radio
	2KA	783	ONE FM Hot Hits
	2GB	873	News/Talk
	2UE	954	News/Talk/Sport
	2KY	1017	News/Talk/Sport
	2UW	1107	Classic Hits
	2CH	1170	Easy Listening/Talkback Radio
	2WS	1224	Hits and Memories
	2SM	1269	Country Music
	2EA	1386	SBS
	2KA	1476	ONE FM Hot Hits
	2RRR	88.50	Triple R Community Radio, Ryde
	2BCR	88.70	Bankstown Community Radio
	2FM	92.90	ABC Metropolitan Radio
	2ONE	96.10	ONE FM Hot Hits
	2CFM	101.30	Coast Rock FM, AOR Rock
	2MBS	102.50	Classical Music
	2DAY	104.10	Today FM, AOR Rock
	2MMM	104.90	Triple M, AOR Rock
	2JJJ	105.70	ABC Triple J, Indie and Dance
	2SER	107.10	University Radio

And finally, a quick look at the television situation. Five channels are on the air in most major cities with a reduced service and coverage as you move towards the outback areas.

For the technically minded, the PAL colour TV system is used on Band I, III and V. Stereo sound is available but it is a variation on the 19 kHz pilot tone system and used for FM broadcasting and not NICAM. The ABC and Channel 7 have experimented with Teletext services but they are not very popular. In fact, the same test pages have been transmitted by the ABC for the last five years!

ABC	VHF Channel 2
Channel 7	VHF Channel 7
Channel 9	VHF Channel 9
Channel 1	VHF Channel 10
SBS	UHF Channel 28

The ABC and the three commercial networks 7, 9 and 10, all operate on VHF with local low-power fill transmitters on UHF. In Sydney, the UHF services have opt-out programmes in order to generate a local identity.

Prime TV	(Channel 7 Network)
WIN TV	(Channel 9 Network)
Capital	(Channel 10 Network)

The SBS and a proposed new 6th channel operate on UHF and have transmitters in most of the major cities. SBS operate on channel 28 and the new service on channel 31. Until the 6th channel comes into service, the frequency has been given to various community organisations for temporary low-power transmitters. In Sydney, this gave rise to the unusual and very short lived Queer TV!

An unusual facility is also available to

amateur radio enthusiasts. They are licensed to transmit on UHF channel 35 and this has given rise to TV repeater outputs in the normal broadcast bands which enables the casual viewer to glimpse what goes on in the local 'ham shack'. This facility is used by radio clubs and societies for lectures, technical classes and information programmes. It is quite entertaining, although this would never be allowed in the UK, I felt that it was a useful facility which could be used to introduce more people into the radio hobby.

The Free Radio scene if one exists, keeps a very low profile. Although Radio G'day generated a lot of publicity last year for several proposed high power shortwave broadcasts, I have yet to meet anyone who actually logged the station. I found no evidence of AM or FM pirates but this could be due to the large number of community and student radio stations. This may change in the near future for two reasons; firstly due to increased racial tensions both in Australia and across the pacific rim and secondly because the youth music scene is generally ignored by the major market radio stations.

I hope this brief article has given you a flavour of the Australian broadcasting scene. The radio is fresh and interesting with a wide mixture of music and variety to serve most tastes. If only I could say that for the TV. If you think that the endless string of daytime soaps are bad then consider that these are some of the better programmes! The normal output is abysmal!

If you ever go on holiday to Australia, take a radio; you will not be disappointed.■

TANGERINE RADIO

TANGERINE RADIO was established in 1984 to promote the causes of individual liberty and freedom of speech. TR also engages in antenna theory and research and wave propagation experiments. For nearly a decade, TANGERINE RADIO broadcasts have been turning up in unexpected places on unauthorised pirate shortwave and FM stations, on idle satellite uplink channels, on background music at various sweatshops and elsewhere.

Rick Forester arranges, produces and edits the broadcasts. Audio tapes are prepared at the Bosko Memorial Studio (a 16-track analog facility) near the tranquil town of Tangerine, Florida and then sent to the TR transmitters at Elbow Bay, Bermuda and elsewhere. When he's not creating TANGERINE RADIO programmes, Rick can usually be found tending the tangerine trees in his garden or working in his laboratory researching the medical value of tangerines. He is also collaborating with several musicians to write an orchestral symphony inspired

by tangerines and his detailed drawings of tangerines have been published in a botanical magazine. Rick's photographs of tangerines have won awards in local photography contests and his play 'A Tangerine Named Desire' is being turned into a Broadway musical.

"Don't be fooled by various mandarin oranges masquerading as tangerines," Rick advises. "Many citrus dealers label tangelos and tangors as tangerines but there's a big difference. A true tangerine is reddish-orange in colour when it's ripe, has loose skin and a flattened oblate shape, with easily separated segments and those little pieces of white stringy fiber inside. The best variety is Dancys and are only available for a short time between Thanksgiving and mid-January. Tangors are a cross between a tangerine and an orange; they tend to be juicy but a bit bland. Tangelos are a grapefruit-tangerine cross; I believe Minneolas are the best."

Tangerine Radio,
P.O. BOX 452,
Wellsville NY 14895,
USA.■

USA ROUNDUP

All Times UTC
By Eric Suler

JANUARY LOGS

1st	WSKY (ny)	7415	0330-0520
	Rock music and mailbag segment.		
1st	JOLLY ROGER RADIO	7415	0559-0633
	Rock music, pirate publication promos and FCC Eye in the Sky helicopter report.		
1st	OMEGA RADIO (ny+pa)	7415 USB	0634-0654
	On with Spirit in the Sky. Lightly reported programme of rock, comedy ads and commentary.		
1st	WLIS (pa)	7416	0812-0831
	As usual, the show was based on interval signals of different shortwave broadcasters.		
1st	CSIC (pa)	7413	2230-2353
	THE VOICE OF THE GREAT WHITE NORTH with a new segment called 7415 about recent pirate activity.		
2nd	CKLW (pa)	7416	2035-2115
	Typical motown sound of CKLW.		
2nd	RADIO BEAVER (ont)	7416	2120-2153
	Bucky Beaver making fun of politicians as usual but he was intentionally jammed by a scratching noise.		
2nd	RADIO BLANX (pa)	7413	2258-2316
	Ralph Jensen and Sven Gonzalez playing comedy and parodies aimed at the pirate DXer. BLANX is presenting some of the best pirate programming in North America at this time.		
2nd	HE-MAN RADIO (pa)	7415 USB	2327-0002
	Humorous programme with HE-MAN making fun of Kristen Kaye of Signals and predicting winners of upcoming football playoffs.		
3rd	RADIO ESOTERICA (ma)	7415	2122-2126
	A fairly new station playing 'The Best Music You've Never Heard.'		
9th	RADIO ESOTERICA	7416	0232-0256
	A programme of esoteric rock music relayed by the NORTH AMERICAN PIRATE RELAY SERVICE.		
10th	RADIO FARISIDE (ont)	7415	0130-0153
	Lightly reported. Monolog about space and science.		
16th	KMRZ (ny)	6250	0154-0213
	Another one of Dr. Lobotomy's many call signs.		
16th	NORTH AMERICAN PIRATE RELAY SERVICE (ny)	7417	2233-2258
	Relay of a recent RADIO ESOTERICA programme.		

SHORTWAVE NEWS

17th	WEED	7415	0312-0325
	Usual type show with clips from Signals and n om CCR.		
17th	OMEGA RADIO	7416 USB	2300-2313
	Dick Tator with news and commentary about the United States and Iraq conflict.		
23rd	RADIO AIRPLANE (ny)	7417 USB	0227-0317
	Captain Eddy was back in the air playing rock and roll and trying to call the FCC.		
24th	TANGERINE RADIO (ny)	7419	1432-1448
	Return of an old time US pirate. These guys have not been logged in years but don't seem to have missed a beat.		
30th	WYMN (ny)	7413	2302-2330
	Pirate Jenny's back again and doing her pro-female thing.		
31st	RFM (ny)	1620	0443-0501
	Not a widely reported programme but we can only hope that HV Short will do more on the MW band.		

FEBRUARY LOGS

6th	WRV	7415 USB	
	0024-0041		
	Even though they have made several broadcasts, I don't know much about this station. But during this programme, they IDed as VIRUS RADIO.		
7th	WREC (ny)	7417	0201-0220
	A lightly reported programme of rock and country music.		
7th	GROUND LEVEL NETWORK (ny)	7413	2309-2319
	Dj Just Bob with medical and health tips plus comments about the Super Bowl.		
12th	RADIO FUSION INTERNATIONAL (relay)	7417	2357-0017
	Special North American test including jazz, heavy metal and rock music.		
13th	UNION CITY RADIO (ny)	15050	2000-0215
	An old-time pirate returns with an afternoon full of programmes. The shows were made up of various music and comedy ads.		
13th	CSIC	6825	2238-2247
	Not widely reported but Pirate Rambo has made several broadcasts in the 6800-6900 range.		
14th	UNION CITY RADIO	15050	2000-0230
	Another marathon of programming.		
20th	WKIK (ny)	7415 USB	0211-0224
	Rap music by Sgt. Corpuscle. Their transmitter drifts downward in frequency so bad that it makes listening unpleasant.		
20th	JOLLY ROGER INTERNATIONAL	7415	0515-0600
	Another late night (on the east coast) broadcast of rock and jazz.		
20th	KULP (pa)	1610	2100-0457
	This station is usually logged during the SWL Winterfest in Kulpville, PA. This time they relayed WCTU, RADIO MARABU and THE VOICE OF PANCHO VILLA.		
20th	RADIO BLANX (pa)	7415/6875	2210-2254
	Their usual good humour and comedy aimed at the DXers with announcements for the group at the Winterfest.		

USA ROUNDUP

- 21st WEED 7415 USB 0045-0140
The regular pro-pot programming of WEED with short bits of music and pro-drug talk. Even though this show was in SSB, they have made a couple of AM broadcasts recently.
- 21st CSIC 7413 0200-0255
New programme of original parody/humour with music.
- 21st VOICE OF PANCHO VILLA (pa) 7415 0502-0506
Pancho shows up every year during the Winterfest. This time, he said that he was in the green and purple room at the Fiesta Motor Inn.
- 21st JERSEY DEVIL (pa) 7415 USB 1756-1805
Claimed to be broadcasting from the Winterfest playing only Beatles music.
- 21st OY VAR RADIO 7415 USB 1900-1938
Nothing much is known about this one except they played a lot of middle eastern music.
- 27th THE FOX (pa) 7416 0008-0036
Very good parody of a religious radio programme with Pastor Bob making fun of the FCC.
- 27th RADIO SCOTTISH MONTREAL (pa) 7413 2308-2345
Dj Rob Roy playing Scottish music and talking about cultural events.
- 28th WJAM 7417 LSB 0231-0259
The Gremlin claimed a QTH of Jacksonville, Florida and was playing dance music.

MARCH LOGS

- 5th WIRE LINE RADIO (pa) 7423 0022-0025
Music and comedy from 'The No Metal, No Rap, No Crap Pirate'.
- 6th RADIO AIRPLANE 7421 USB 0108-0153
Captain Eddy with rock music and comedy. He also had a dogfight with an FCC aircraft during the show.
- 6th WLIS 7413 2310-2324
Third anniversary programme with Jack Boggin and guest dj Bucky Beaver. As usual, the show was built around different interval signals.
- 7th CSIC 7415 0211-0248
Pirate Rambo talking about 1993 'The Year of the Chicken'. Played rock, comedy ads and gave ID and address of a suspected jammer.
- 13th WREC (ny+pa) 7418 var. 0037-0123
Programme of rock and folk with commercial jingles and Warner Bros. cartoon audio.
- 13th KMRZ (ny) 15050 USB 1938-2058
Another of Dr. Lobotomy's stations. This time he relayed the UK pirate RADIO RECHARGE INTERNATIONAL.
- 13th TANGERINE RADIO 7416 USB 2205-2225
Dj Rick Forester hosting a programme of comedy and music from the 60s to present.
- 13th RADIO AZTECA (ny) 7416 USB 2235-2256
Bram Stoker with comedy, pirate/DX segment and listeners' letters.
- 13th CFBN (ny) 7413 2320-2346
'FLY BY NIGHT RADIO' playing Irish folk music. They claim to be Canada's worst.

USA ROUNDUP

- 13th RADIO USA 7416 LSB 2323-2347
Mr. Blue Sky hosting his 10th Anniversary programme of clips and segments of shows from the past.
- 13th WREC 7418 var. 2352-0039
Relay of THE VOICE OF OZ (ny) with dj Howard E. Lyon from the Emerald City.
- 14th PIRATE RADIO NETWORK 7417 0048-0116
Relay of RADIO MORANIA which is a great parody of the old east European propaganda machines.
- 14th ACTION RADIO (ne) 7416 0120-0140
AJ Michaels and RADIO ANIMAL talking about why AJ left Pittsburgh. Also played some Zappa and Linda Rondstadt music.
- 15th RADIO AIRPLANE 6951 USB 0203-0258
Very lightly reported but more and more North American pirates are testing in the 43 metre band.
- 20th WLIS 7417 0401-0416
Interval signals from stations like AIR, TWR and WSHB.
- 20th RADIO DC 7416 LSB 2058-2114
Jerry the Dj and another man discussing President Clinton's economic and social programmes. They seem to strongly support the Democratic Party.
- 20th HAPPY HANUKKAH (ont) 7415 2135-2144
This station has broadcast a few times and everything seems to be Yiddish or Jewish related.
- 20th RADIO USA 7415 2207-2217
Programme of punk rock music.
- 20th WRAR (al) 7416 2220-2247
'We Rock And Rap' as the call sign indicates, airing a programme of rock music this time.
- 20th HIT PARADE RADIO (ny) 7415 2248-2304
Male dj playing hits from 1965.
- 20th HE-MAN RADIO (pa) 7415 USB 2307-2344
Special 'Red Rubber Ball' (by the Cyrkles) broadcast. But He-man was mostly talking about KK and Signals going off the air.
- 21st RADIO BEAVER (ont) 7416 0041-0117
Bucky was commenting on Canadian politics and also playing rock music.
- 21st CSIC 7413 0200-0238
Psychochicken interval signal to the tune of Psychokiller. More talk of '93 being the Year of the Chicken.
- 28th WKIK 7420 USB 0209-0247
Mostly rap music. Seem to have overcome their technical problems with the acquisition of another transmitter.

All logs as ever, compiled with the help of Pirate Pages and my wife!

MAILDROPS

- al P.O. BOX 605, Huntsville, AL 35804, USA.
- ma P.O. BOX 146, Stoneham, MA 02180, USA.
- ne P.O. BOX 493, Boystown, NE 68010, USA.
- ny P.O. BOX 452, Wellsville, NY 14895, USA.
- ont P.O. BOX 293, Merlin, Ontario, Canada, NOP 1WO.
- pa P.O. BOX 109, Blue Ridge Summit, PA 17214, USA. ■

Dutch Mediumwave News

by Derek Taylor

ALL TIMES UTC

WELL howdy readers and welcome to another quick scan of the MW and my latest information as to what's happening with the Dutch pirates.

I firstly must tell you that this time around, my column is being prepared here in Preston earlier than I would usually write it because I'm off to the land of the tulips and windmills myself very soon! The next issue of PC will therefore have some interesting articles about Dutch radio from both myself and the editor who is also going over in the summer. As I'm writing things more in advance this time, there is not as much to report.

A surprise trio of pirates were heard testing in late March on 183 metres. PIONIER, VERONA and even PERLEE were all heard with good signals. Several new names have also popped up on 183 and 186. ELECTRON and DISCO HENKIE are two well known pirates using other names. If you hear either of these, they can be contacted via the DPRS. Another new one is MARSIEP whose address is: P.O. BOX 3037, 1780 GA Den Helder, Netherlands.



Stations BUURMAN, ZWARTE ADELAART and ROCKING BILLY RADIO are now also active from Holland on 183 and 186 metres and ALPENKONING has been testing on 1640. DELMARE INTERNATIONAL (Hoogeveen) can be heard every now and again on 1637 kHz with

international music programmes. Operator, Be gives good signals with his 300 watt transmitter. Watch out that you don't confuse this DELMARE with the other one that uses the same frequency! Just listen out for the address and you should be alright!

Much improved signals have been noted recently from JAPIE DE BLITZKIKKER and NOOITGEDACHT (Lochem). This is the result of some antenna adjustments and modifications.

BARONES has recently made a couple of adjustments to make his superb signals sound even more superb than they already do! Mr. Baro has installed a new modulation transformer which seems to have added a little more bass into his audio which is now sounding very nice indeed!

It's nice to see the old favourite, NOORDZEE back in the air again. His recent raid has certainly not put him off broadcasting!

Unfortunately, due to various reasons, several stations are temporarily off air and among these are: NORDMENDE, ZWARTE NON, SEAGIRL, NOLAN and NEW MEXICO, who is off air due to being caught by the RCD. Let's hope they all return soon.

I wonder if any of you heard the Radio Netherlands Media Network programme recently. During this, a brief look at Dutch MW pirates was made. Apparently, they can only be heard at weekends and run 10 KW transmitters while playing agricultural music! I don't know! Some of Holland's best known recording artists are featured on some of the Dutch pirates and as for high power, the statement that some of them have used 10 KW is a joke! And weekends only eh! Just take a look at the logs and you'll see that weekdays are often just as active as a Saturday and Sunday!

By the way, various other stations can now be contacted via the DPRS: ALBATROS, 813, DOKTER KETELLAPPER, GOUDEN STER, GOUNDE VINK, ONE JAN (C), VERONA (A) and KLEINE ZWALVE.

Finally, look out for a relay via Holland soon of RAINBOW RADIO GERMANY on 1509 kHz.

1/3 1636 NOOITGEDACHT (A) 2213 VG

1/3 1636 BARONES	2222 VG	22/3 1637 UNID - Greek	2227 W
1/3 1636 PELIKAAN	2237 F	22/3 1640 TURBOJAGER	2133 G
1/3 1638 PEDRO	2351 G	23/3 1633 ZWARTE WEDUWE	2012 VG
1/3 1637 TIJDBREKER	2233 W/F	23/3 1637 JAPIE DE BLITZKIKKER	2043 VG
1/3 1640 BARONES	2154 VG	23/3 1638 BULDOG	2329 F
2/3 1636 NOOITGEDACHT	2347 VG	24/3 1635 THORELINE	1828 F
2/3 1640 PEDRO	0010 G	24/3 1635 PIONIER	1911 F
3/3 1638 TIJDBREKER	2316 F/G	24/3 1636 NOOITGEDACHT (A)	2246 VG
3/3 1640 SANTANA	2154 G	24/3 1638 VERONA (B)	2318 VG
4/3 1640 SANTANA	2115 G	24/3 1640 TURBOJAGER	2132 G
6/3 1607 TEXTA COWBOY	2332 W/F	25/3 1607 KORAK	2122 W
6/3 1617 GOUDEN STER	1916 F	25/3 1634 PELIKAAN	2302 F
6/3 1636 TOEKOMST	2349 VG	26/3 1612 JAN DE TUINMAN	2139 F
7/3 1607 WALDOLALA	2112 W	26/3 1612 KRISTAL	2318 F
7/3 1637 BULDOG	0005 W	26/3 1638 BARONES	2308 VG
7/3 1637 UNID - Greek	2116 F	26/3 1640 TURBOJAGER	2200 F/G
7/3 1640 HOLLANDIA	0001 F/G	27/3 1607 SCHADUWJAGER	1723 G
7/3 1641 TOULOUSE (A)	0014 G	27/3 1612 CONCORDIA	1953 W/F
7/3 1643 TOULOUSE (A)	0059 G	27/3 1632 SYLVANIA	2320 G
8/3 1607 METEOR	1848 F	27/3 1636 HAWAII	1635 G
9/3 1509 PIRANA	0040 VG	27/3 1636 SPANNINGZOEKER	1638 VG
11/3 1638 ZONDERVAN	2047 F	27/3 1636 NOOITGEDACHT (A)	2245 Exc
13/3 1632 DUITSER RUNDfunk	2220 F/G	27/3 1636 MEXICANO	2331 G
13/3 1637 DELMARE (B)	2301 G	27/3 1637 TOEKOMST	2250 Exc
13/3 1638 BARONES	2321 VG	27/3 1639 CURACAU	2255 F
13/3 1640 TURBOJAGER	2039 G	27/3 1640 MIJNWERKER	2322 G
13/3 1640 ALPENKONING	1814 W/F	27/3 1640 TOULOUSE (B)	2336 G
14/3 1636 PANTER	0128 W	27/3 1644 TOULOUSE (A)	2357 G
14/3 1639 TOULOUSE (B)	0047 F	28/3 1629 YL + MX + UNID lang	2040 W
14/3 1640 TOULOUSE (A)	0103 G	28/3 1638 BARONES	1610 F/G
17/3 1607 NOVA 4	1609 G	28/3 1638 BARONES	2222 VG
17/3 1607 BERKONRODE	2230 W	29/3 1636 NOOITGEDACHT (A)	2208 VG
17/3 1607 BLONDE ANNA	2254 F	29/3 1638 NOORDZEE (A)	2209 G
17/3 1638 PIEPZENDER	2307 F/G	29/3 1643 PEDRO	2218 G
17/3 1638 COBRA	2317 W	30/3 1635 THORELINE	2251 G
19/3 1638 PIEPZENDER	2340 G	31/3 1635 PEDRO	2235 F
20/3 1610 FLEDERMAUS	2238 F	2/4 1615 SANTANA	1733 F/G
20/3 1612 ELECTRON	0153 F	2/4 1616 BERKONRODE	2149 W/F
20/3 1618 BOSKABOUTER	2320 W	2/4 1636 TOEKOMST	2052 G
20/3 1619 MINERVA	2324 F	2/4 1637 HAWAII	1833 F
20/3 1635 BILLY DE BLUFFER	2308 F	2/4 1637 VERZIERDER	2230 F/G
20/3 1635 THORELINE	2315 W/F	2/4 1637 DELMARE (A)	2133 F
20/3 1636 NOOITGEDACHT (A)	2339 VG	2/4 1637 NOORDZEE (A)	2221 F
20/3 1636 NOORDZEE (A)	2350 F	2/4 1638 BARONES	2135 VG
20/3 1637 TOEKOMST	2307 VG	2/4 1639 MIJNWERKER	2305 VG
20/3 1638 TIJDBREKER	2343 W	2/4 1640 TURBOJAGER	2009 G
21/3 1607 807	2152 F	2/4 1642 CURACAU	2215 G
21/3 1609 TWENTSCHE RAKKER	1804 F	2/4 1642 SCOTLAND	2317 VG
21/3 1610 BILLY DE BLUFFER	1702 F	3/4 1605 INDIAAN	1953 W/F
21/3 1613 SAPPORRO	2146 W/F	3/4 1607 TUBANTIA	2052 W
21/3 1628 JAPIE DE SLOPER	2144 W/F	3/4 1607 CASSANDRA	2253 W
21/3 1635 PEACON	1637 W	3/4 1615 WALDOLALA	2218 F/G
21/3 1635 HENNIE VELDWIJK	1720 F	3/4 1618 GOUDEN STER	1852 F
22/3 1636 TIJDBREKER	0013 F/G	3/4 1635 ZWARTE WEDUWE	1838 VG
22/3 1636 NOORDZEE (A)	2224 F	3/4 1635 SPANNINGZOEKER	2258 G

3/4	1636	TOEKOMST	2145 VG	17/4	1635	MEXICANO	2238 F
3/4	1638	BARONES	2139 VG	17/4	1636	UTOPIA	2202 W/F
4/4	1605	BILLY DE BLUFFER	1656 W/F	17/4	1636	DUITSER RUNDUNK	2229 F
4/4	1607	807	1834 F	17/4	1636	NOOITGEDACHT (A)	2316 VG
4/4	1611	WALDOLALA	2040 F	17/4	1636	BARONES	2324 VG
4/4	1613	SAPPORRO	2041 F	17/4	1637	NOORDZEE (A)	2126 F
4/4	1613	CURACAU	2041 F	17/4	1637	TOEKOMST	2217 VG
(both on same channel at same time!)				17/4	1638	BARONES	2101 VG
4/4	1636	NOOITGEDACHT (A)	2152 G	17/4	1638	SANTANA	2125 VG
4/4	1637	PELIKAAN	2201 F	17/4	1640	TOULOUSE (A)	2149 G
4/4	1637	NOORDZEE (A)	2340 G	17/4	1640	VERONA (B)	2250 G
4/4	1638	BARONES	2039 VG	18/4	1509	PIRANA	2315 VG
4/4	1642	NOORDZEE (A)	2312 F/G	18/4	1636	NOOITGEDACHT (A)	2103 VG
5/4	1636	UTOPIA	2113 W	18/4	1636	BARONES	2242 VG
5/4	1636	TIJDBREKER	2117 F	18/4	1637	TOEKOMST	2251 VG
6/4	1636	NOOITGEDACHT (A)	2107 VG	18/4	1638	TOULOUSE (B)	2246 G/VG
6/4	1636	UTOPIA	2215 G	18/4	1640	SYLVANIA	2240 VG
8/4	1636	NOOITGEDACHT (A)	2054 G	19/4	1636	NOOITGEDACHT (A)	2151 VG
8/4	1637	NOORDZEE (A)	2126 F	19/3	1636	UTOPIA	2213 G
8/4	1637	TIJDBREKER	2228 F	19/4	1637	NOORDZEE (A)	2104 F
8/4	1638	BARONES	2109 VG	19/4	1637	TOEKOMST	2106 Exc
9/4	1635	NOORDZEE (A)	2144 F	19/4	1637	TIJDBREKER	2235 W
9/4	1636	TOEKOMST	2152 Exc	19/4	1638	PEDRO	2309 Exc
9/4	1636	NOOITGEDACHT (A)	2209 VG	19/4	1640	SYLVANIA	2144 VG
9/4	1636	UTOPIA	2141 F	19/4	1640	PEDRO	2335 VG
9/4	1638	BARONES	2137 VG	19/4	1641	PELIKAAN	2135 VG
10/4	1605	BLONDE ANNA YLI	2122 F	19/4	1642	PEDRO	2315 VG
10/4	1608	JAPIE DE BLITZKIKKER	1820 W/F	19/4	1644	TOULOUSE (B)	2154 F
10/4	1636	CALYPSO	2216 G	21/4	1636	BARONES	2135 VG
10/4	1636	UTOPIA	2233 G	21/4	1636	NOOITGEDACHT (A)	2142 VG
10/4	1636	DELMARE (A)	2340 W/F	21/4	1640	PELIKAAN	2138 VG
10/4	1637	ANTONIO	2231 W	21/4	1641	PEDRO	2320 VG
10/4	1637	JOKER	2253 VG	23/4	1635	SPANNINGZOEKER	2147 VG
10/4	1637	NOORDZEE (A)	2259 W	23/4	1636	NOOITGEDACHT (A)	2148 G
10/4	1638	MARSDIEP	2106 F	23/4	1637	TOULOUSE (B)	2144 F
10/4	1643	TOULOUSE (A)	2250 Exc	23/4	1637	TIJDBREKER	2212 W
11/4	1606	807	2103 F	24/4	1636	NOOITGEDACHT (A)	2147 VG
11/4	1636	SANTANA	2152 VG	25/4	1636	NOOITGEDACHT	0032 VG
11/4	1636	NOOITGEDACHT (A)	2315 VG	25/4	1636	TOEKOMST	2218 VG
11/4	1637	TOEKOMST	2246 VG	25/4	1636	NOOITGEDACHT (A)	2251 VG
11/4	1638	BARONES	2221 VG	25/4	1636	BARONES	2255 VG
11/4	1638	MARSDIEP	2229 W/F	25/4	1636	UTOPIA	2331 F
11/4	1644	TOULOUSE (A)	2327 VG	25/4	1637	TIJDBREKER	0046 F/G
12/4	1607	TEXTA COWBOY	0003 G	25/4	1637	TIJDBREKER	2232 W/F
13/4	1637	TOULOUSE (B)	2208 F	25/4	1638	BARONES	2058 VG
13/4	1637	TIJDBREKER	2252 W	26/4	1636	NOOITGEDACHT	2142 VG
13/4	1640	VERONA (B)	2244 F/G	26/4	1636	UTOPIA	2146 W/F
15/4	1636	NOOITGEDACHT (A)	2141 VG	26/4	1637	TIJDBREKER	2201 W
16/4	1635	THORELINE	2210 W	26/4	1642	CURACAU	2154 F/G
16/4	1636	UTOPIA	2158 W	27/4	1636	TOEKOMST	2115 VG
16/4	1636	TOEKOMST	2212 Exc	27/4	1636	NOOITGEDACHT (A)	2115 VG
16/4	1637	MARSDIEP	2310 F	(both on same channel at same time!)			
16/4	1638	BARONES	2100 VG	27/4	1636	UTOPIA	2200 F
16/4	1640	TURBOJAGER	2207 VG	27/4	1637	NOORDZEE (A)	2143 G
17/4	1509	WEEKEND MUSIC	2344 G/VG	27/4	1639	PIONIER	2138 VG
17/4	1634	DUITSER RUNDUNK	2153 G				

SPOTLIGHT 186 - Radio Nolan

First on air?
1974

Name used?
Nolan

Other names used?
None

Operates on?
Mediumwave and shortwave

Operator's name?
Ronnie

Age?
35

Status?
Single

Hobbies?
Music and radio

Transmitter?
Home made

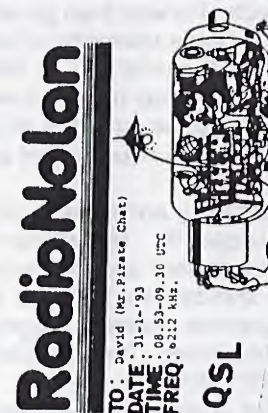
Power?
200 watts on MW and 18 watts on SW

Antenna?
Inverted V half wave - five metres high

Receiver?
National Panasonic

Interested in reports?
Yes

Response rating?
Very good



DUTCH FREE RADIO STATION,
RADIO, NOLAN,
*
P.O. BOX 10 • 9540 AA • VLAGTWEDE •
HOLLAND